

Oral Hygiene

VOL. 36, NO. 2

FEBRUARY 1946

Picture of the Month	221
The Dentist Has a Housing Problem Too <i>Jerome Salzman, B.S.</i>	222
Income Tax Guide For Dentists	<i>Samuel Hacker, C.P.A.</i> 230
"Bachelors of Dentistry" Can Aid Overworked Dentists	<i>Richard D. Strieby</i> 235
Applied Psychology in the Dental Treatment Room	<i>I. Franklin Miller, D.D.S.</i> 238
What Five Years of War Did to the Teeth of Dutch Children	<i>F. C. Cady, D.D.S.</i> 246
Think Before You Threaten	<i>Harold J. Ashe</i> 250
Dental Service for Veterans	<i>J. S. Richards</i> 253
Portraits and Profiles of American Dentists	<i>Howard A. Hartman, D.D.S.</i> 260

DEPARTMENTS:

The Publisher's Corner	186	Technique of the Month	257
So You Know Something		Editorial Comment	258
About Dentistry!	229	Ask Oral Hygiene	264
Dentists in the News	244	Laffodontia	270

EDITOR
Edward J. Ryan
B.S., D.D.S.

ASSISTANT EDITOR
Marcella Hurley
B.A.

EDITOR EMERITUS
Rea Proctor McGee
D.D.S., M.D.

EDITORIAL OFFICE: 708 Church Street, Evanston, Ill.; PUBLICATION OFFICE: 1005 Liberty Avenue, Pittsburgh 22, Pa.; Merwin B. Massol, Publisher; W. Earle Craig, D.D.S., Associate; Robert C. Ketterer, Publication Manager; Dorothy Sterling, Promotion Manager; Elizabeth Boyle, Circulation Department Manager. DISTRICT ADVERTISING OFFICES: NEW YORK: 7 East 42d Street; S. M. Stanley, Vice Pres.-Eastern Manager. CHICAGO: 870 Peoples Gas Building; John J. Downes, Western Manager. ST. LOUIS: Syndicate Trust Bldg.; LOS ANGELES: 816 West 5th Street; SAN FRANCISCO: 1105 Russ Building; Don Harway, Pacific Coast Manager. Copyright, 1946, Oral Hygiene, Inc. Member Controlled Circulation Audit.

Significant results from
important clinical investigation showed

95% of GINGIVITIS CASES IMPROVED IN 30 DAYS!

- Out of hundreds of patients given individual dental examinations—795 were found to have Gingivitis.
- Prophylaxis was first given to approximately half of the patients.
 - As a home adjunct all the patients were instructed to massage their gums with Forhan's Toothpaste. In 30 days:
 - 95% of the Gingivitis cases showed marked improvement.
 - 100% of those having normal gums maintained gums in healthy condition.
 - For over a generation—massage with Forhan's Toothpaste has enjoyed professional recommendation. The results from the above clinical investigation clearly warrant such indication.

THERE ARE NO HARSH ABRASIVES IN FORHAN'S

Forhan's *with* *massage*

For Firmer Gums—Naturally Sparkling Teeth

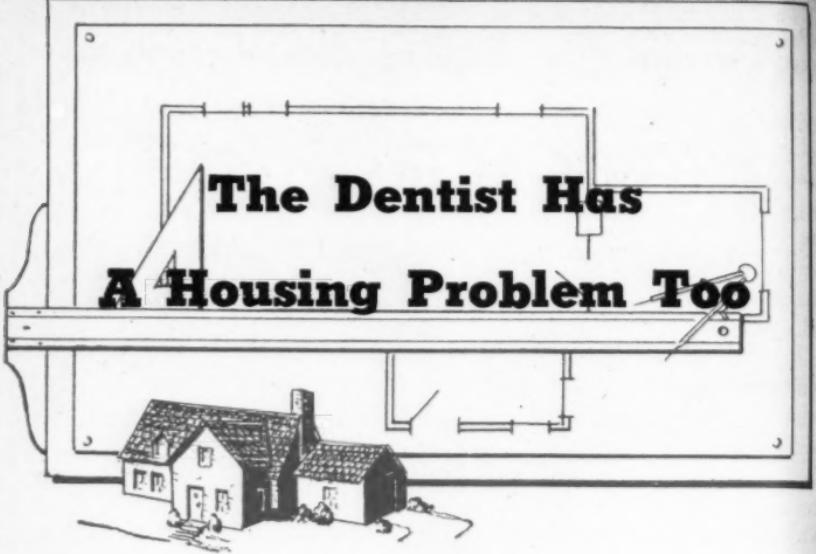


Picture of the Month



DOCTOR DAVID D. TOMB removes teeth of 8-hour-old Paul David Schaeffer. The infant was born in Youngstown (Ohio) Hospital with two perfectly formed lower central incisors.—*Acme Photograph*.

Ten dollars will be paid for the picture used in this department each month. Send gloss prints with return postage to Oral Hygiene, 708 Church Street, Evanston, Illinois.



The Dentist Has A Housing Problem Too

By JEROME SALZMAN, B.S. in Arch. Eng.

THE COMBINATION home and dental office is a natural outgrowth of high rentals for both living and office space, and the necessity for a dentist to utilize all of his time to give himself and his community the utmost value. In the next ten years the demand on our professional men will not decline, neither will high rentals. Thus, if we eliminate high rentals and make the dentist's office more convenient for him, we will be relieving both conditions.

The proximity of home and dental office in a combination arrangement need not be a handicap to privacy. The dentist practicing in such a building must establish definite office hours and adhere

strictly to them. Patients should be told that the dentist is available only during these hours except in extreme emergencies. Members of the family can be instructed to respect the dentist's office hours.

The sketches presented here are for two types of combined homes and offices in different localities. The first is a building, a town house, to be erected where rent is high and only twenty-five feet can be utilized. The entrance has a businesslike appearance yet has the warmth of a home. From the entry one can go into either the dentist's reception room or his living quarters. There is also a separate private entrance which enables the dentist's family to go in

Combination home and dental office provides convenience and comfort at reasonable costs under present economic conditions.

without disturbing his patients or being seen by them. The dental rooms are spacious yet not too large. They are designed to give the dentist the utmost privacy where needed, and also to permit free circulation of patients, office help, and family.

The second is a home and office combination to be built in a suburban district where land is more easily obtained at a lower cost. The outside has a businesslike treatment in the large windows. Warmth is created in the home by the use of bays and balconies. The entrance serves for both the home and office. This office is designed with two operating rooms either for the use of two dentists or for one dentist using two operating rooms. Here, too, the dentist has easy access to both living quarters and office from two ends, which, like the town house and office, gives him privacy where privacy is needed. The living quarters are spacious and as well integrated as any individual home could be, and, according to the design, the office portion would not interfere with the home life in any way.

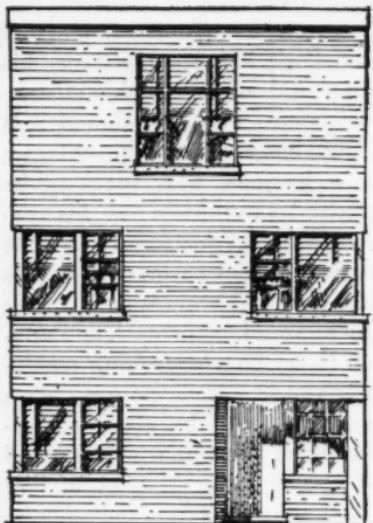
Individual Requirements

It is well to remember that these are merely sketches, and each dentist's requirements must be studied and met in a different manner much the same as a dentist handles each of his patients. After a

dentist decides to combine his home and office he should take these steps. First, he should find a suitable location. By this we mean he must bear in mind its relative convenience to his patients, himself, his family, and its adaptability for such purposes. He must also be certain it is in a zone which would allow such a building. Every city has zoning regulations and in some localities such a building would have to be constructed in a section which is zoned for specialty shops. After finding a suitable location the dentist should consult an architect.

Cost and Financing

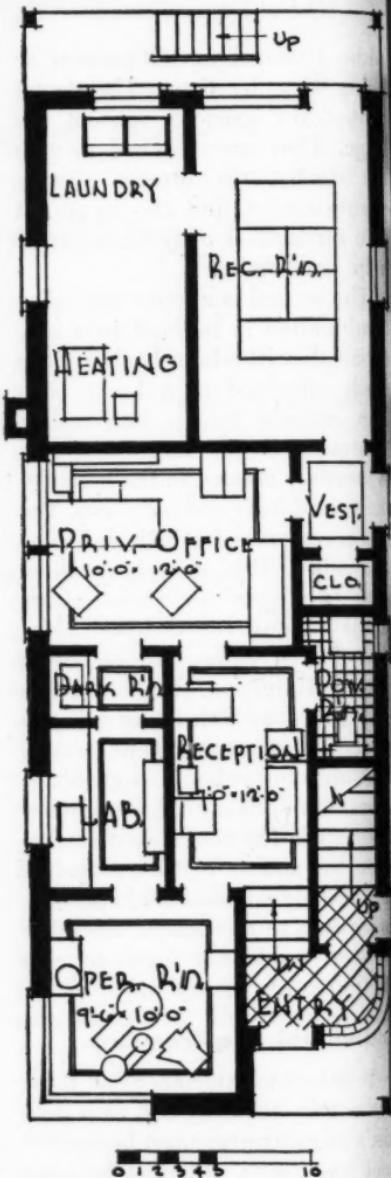
The problems to be settled with the architect are the type of combination to be built, the cost of construction, and the method of payment. The type of home would be governed by the dentist's tastes, his ability to pay for his particular requirements, and the surrounding neighborhood. The architect is well qualified to ascertain all of these conditions after a consultation with the dentist. For example, the town house and office would be built in the main section of a town or close to a business section of a large city. The suburban home and office would be built in the business section of a suburb or the outlying districts of a large town. A liberal estimate of the cost of construction of the town house, for ex-



Exterior view of the town house.

ample, would be about \$20,000. This approximation is for the Chicago area.

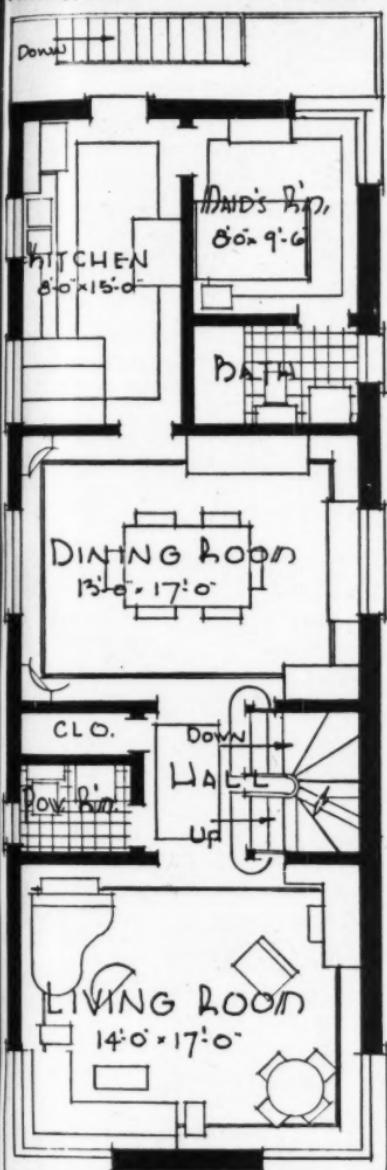
As to the method of financing such an operation, let us presume that the building will cost \$17,500 and the lot \$2500. A first mortgage can be made locally for \$16,000 leaving a \$4000 balance. If the \$4000 is invested as a down payment, monthly installments on \$16,000 for twenty years at 5 per cent, which, by the way, is the maximum interest rate, is \$117. This covers interest, principal, insurance, and taxes. Of this sum of \$117 a month, approximately \$40 is payment on the principal; thus reducing the "rental" of a home and office to \$77 a month. Can you rent a home comparable to either



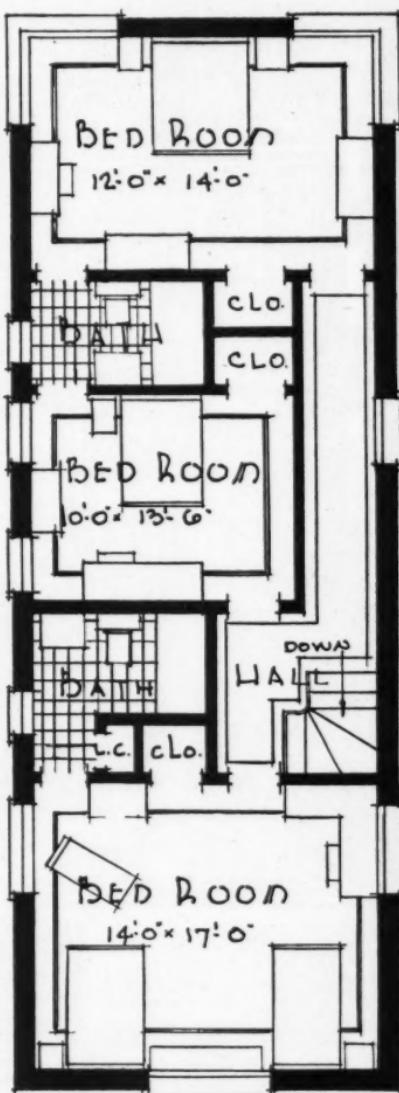
GROUND FLOOR

Ground floor plan of the town house.

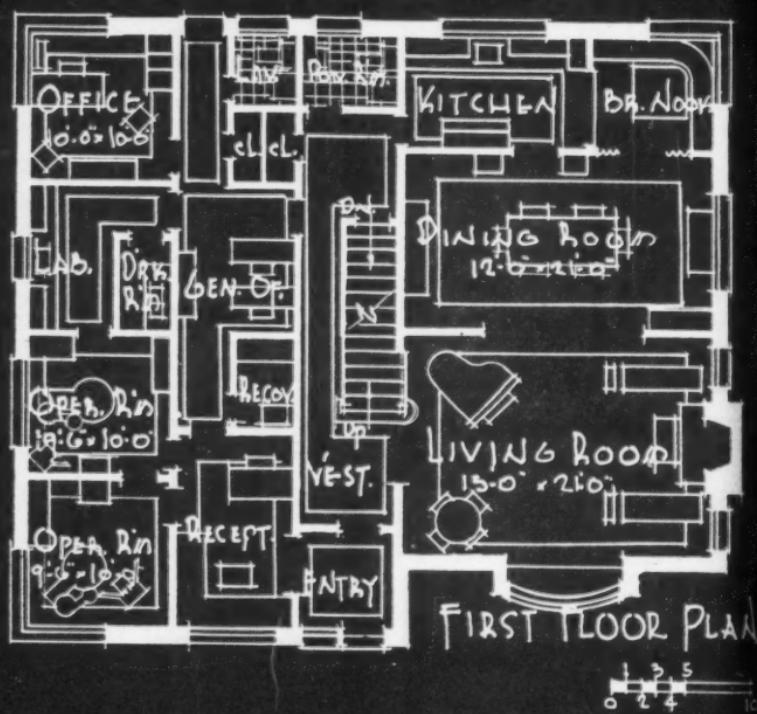
First and second floor plans of the town house.



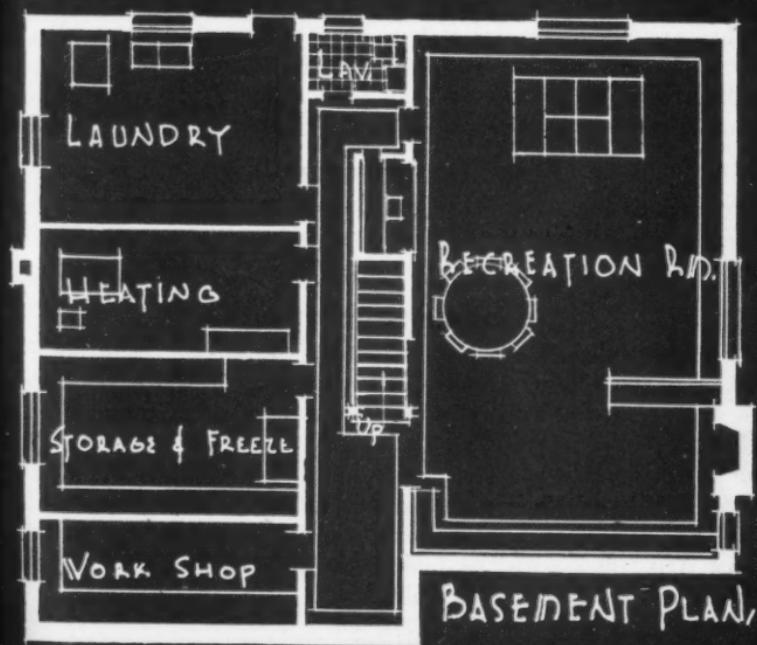
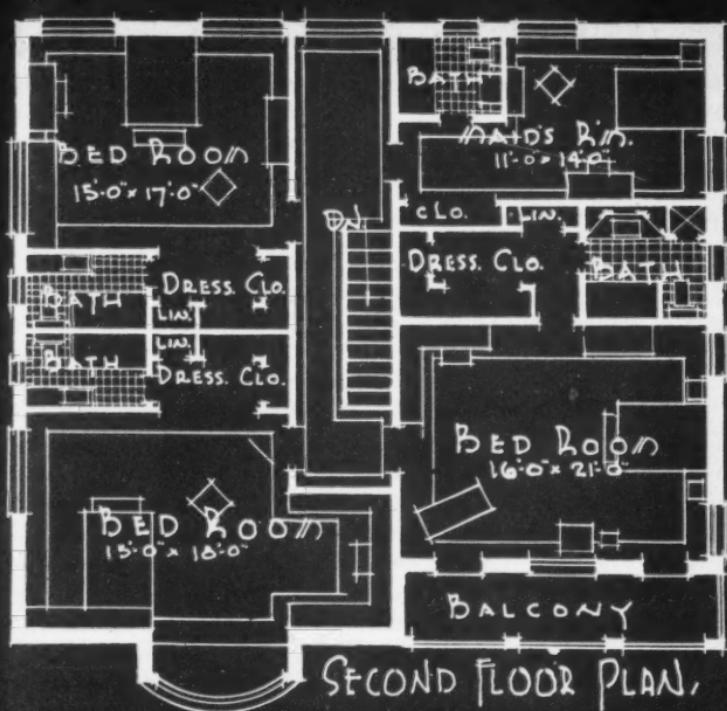
FIRST FLOOR.



SECOND FLOOR.



Architectural elevation and floor plan of the residence, living and office.



Ground and second floor plans of the suburban home and office.

of these, or an office with as many conveniences, for this amount?

Another economic advantage to the combination is the fact that interest on the whole investment is deductible from income tax. The real estate taxes are also deductible and a large part of the maintenance of both home and office would be deductible.

Comforts for Dentist

Together with the economic benefits to be derived from this project are the personal gains. In large cities a dentist may spend one to two hours a day commuting to and from his office. He travels on streetcars and elevated trains, hanging on straps and standing, and is often tired before he reaches his office. At noon, too busy to eat, or unwilling to be pushed around in crowded restaurants, he either neglects his lunch or hurriedly has a sandwich. At home he could eat proper food and

relax. A dentist practicing eight to twelve hours a day, or one approaching middle age or past middle age, would find such an arrangement ideal if he could rest and enjoy leisure activities on the time saved in travel.

In the last few years, help at both office and home has been difficult to obtain. With an arrangement such as we have presented, either the dentist's wife or household help could be of assistance to him when needed the most. If home and office are far apart, this is of course impossible.

The home and office combination provides living and operating quarters and enables the dentist to serve his community, his family, and himself more adequately, without depriving him of the privacy needed in his office or the convenience and luxury of a fine home.

188 West Randolph Street
Chicago 1

ORAL HYGIENE AWARD

JEROME SALZMAN wins this month's \$100 ORAL HYGIENE award for the best article published in this issue, THE DENTIST HAS A HOUSING PROBLEM TOO.

DENTIST-INVENTORS

To DOCTOR John B. Beers of Rochester is given the credit for the invention of the first gold crown used in capping of a breakdown tooth. The first repeating rifle was the invention of an itinerant Rochester dentist, Doctor Edward Maynard, in 1851. The first practical rapid-fire gun was invented by a Rochester dentist, Doctor Josephus Requa, in 1863. Twenty of these guns, which were effective in the battles of Peterboro and Cold Harbor, were made at Rochester for the United States Army and thirty at Troy, New York.—*Centennial History of Dentistry in Rochester (New York)*.



So You Know Something About Dentistry!

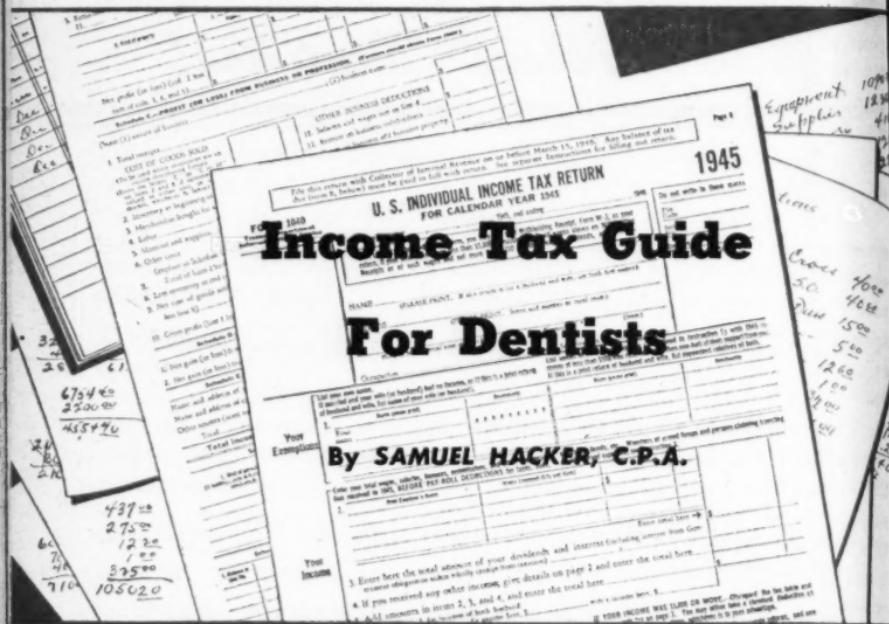


QUIZ XVII

1. Is reattachment of connective tissue to the cementum possible in the treatment of periodontal pockets?
2. What structures pass through the anterior palatine foramen?
3. Most modeling compounds become plastic at temperatures varying between (a) 155° - 170° F., (b) 105° - 120° F., (c) 130° - 140° F.
4. Does the Harrison Narcotic Law apply to the use of procaine as a local anesthetic?
5. Doctor William H. Taggart is remembered for his (a) research on amalgam, (b) research on gold inlays, (c) orthodontic research
6. Dehydration of silicate cements causes (a) shrinkage, (b) expansion, (c) discoloration.
7. Which are the strongest teeth available as bridge abutments?
8. Why do we frequently see premature eruption of permanent teeth in the bicuspid area?
9. True or false? By far the largest number of acute dento-alveolar abscesses develop as an acute flare-up of a chronic periapical inflammation of long standing.
10. What per cent of first molars (permanent) are lost before the age of 35 years? (a) 25 per cent, (b) 50 per cent, (c) 75 per cent.

FOR CORRECT ANSWERS SEE PAGE 256

Tax expert explains what you should know to file your 1945 federal income tax return under present regulations.



THE LOWER tax rates in the 1945 Revenue Act reduce your 1946 taxes commencing January 1, 1946. This Act has no effect on your 1945 return, however, unless you were in the armed forces during the war. The tax rates, exemptions, deductions, and regulations, applying to your 1945 return are the same as for 1944.

Who Must File?

Everyone whose gross income for 1945 was \$500 or more must file a return, regardless of marital status. Members of the armed forces below the rank of commissioned warrant officer do not con-

sider military pay as income. Such income is exempt. Officers exclude the first \$1500 of Service pay when deciding if they must file.

Your Return

You will use Form 1040 because income results from your profession of dentistry and, consequently, no withholding tax was paid. If adjusted gross income is less than \$5000 you, then, have the option of converting to the short Form 1040 by tearing off pages 3 and 4. To ascertain your tax, you refer to the tables printed on Form 1040. However, if your deductions for charitable contributions, in-

terest, taxes, and other items, exceed approximately 10 per cent of your adjusted gross income, your tax will be lower if you use the complete Form 1040, listing all deductions. To be safe, compute your tax by both methods and submit the lower result.

Husbands and wives may file separate or joint returns at their option. Usually, separate returns will be preferable, unless one spouse has deductions that the other can use. Minors, earning \$500 or more in 1945, must have returns filed for them. If their earnings were less than \$500, file the W-2 withholding tax receipt to obtain a refund of all the taxes that were withheld. The income of your children is no longer included in your return.

First, you compute the income from your practice, using Schedule C on page 2 of Form 1040. You will not be concerned with items #2 through #10. You probably are filing on a cash basis and, therefore, will enter your cash receipts from your practice opposite item #1. You then compute your business deductions and extend your net profit from your profession into the outer column.

Other Income

On page 2 is to be entered all other taxable income except compensation, dividends, and interest (entered on page 1). If you traded in the market, sold non-business property at a gain or loss, or sold your residence at a profit, then

you have had capital gains or losses and must fill in separate Schedule D. Non-business loans that became bad debts in 1945 are considered short-term capital losses and are included in Schedule D. Capital assets held for not more than six months are short-term, and the profits or losses are taken 100 per cent into account. Capital assets held for more than six months are long-term and the profits or losses are taken 50 per cent into account. After applying these percentages the losses are subtracted from the gains, and the net gain is included in total income and is taxed the same as any other income. However, if the surtax net income exceeds \$16,000, then an alternative tax is computed on Schedule D. The alternative tax limits the tax on long-term gains to 25 per cent of the actual gain. No such limitation applies to short-term gains.

A net capital loss, whether long-term or short-term, is deductible from taxable income only to the extent of \$1000 or less. The balance of this loss may be carried over, and, until exhausted, treated as a short-term loss in each of the succeeding five years.

Adjusted Gross Income

After completing page 2, enter your interest and dividends on page 1. Include Savings' Bank interest to December 31, even if entered in your passbook in 1946; and U. S. Bond interest coupons (if not wholly or partly exempt)

as indicated in the printed instructions) falling due in 1945 even though not cashed until 1946; include dividends received in 1945, unless exempt because of their nature. Do not include U. S. Government E Bonds' increase in value, unless you last year accepted the option of reporting the yearly increase in value as interest received; otherwise, you report the interest only when you redeem the bonds.

Item 5 on page 1 is the total of your income and is called total adjusted gross income.

Exemptions

You are entitled to a \$500 exemption against your surtax net income for:

1. Yourself.
2. Your wife, if a joint return is filed, or if she has no gross income. Usually, if her total adjusted gross income exceeds \$500, separate returns are advisable. Marital status is determined as of the year end. In case of the wife dying during the year, a \$500 credit can be taken if she had no income and did not receive her chief support from another taxpayer.

3. Each dependent whose gross income was less than \$500 in 1945, provided you furnished more than one half his support and he is a relative. The full \$500 exemption may be claimed for a child born November 1, or for a dependent who dies February 1. The dependent need not be under 18 or incapable of self-support.

Exemption may be taken for your son at college, provided he does not have an independent income of \$500 or more. A foreign subject, resident of a country other than Canada or Mexico, cannot be taken as a dependent.

Deductions

Now you are prepared to consider your personal deductions before computing your taxable income. If your "adjusted gross income" (page 1, line 5) is \$500 or more, you may take the standard deduction of \$500 (enter on page 3, line 2) even if your deductions are less than \$500. If you take the standard deduction, you need not itemize them on page 3. If your deductions exceed \$500, you may itemize them on page 3 and take credit for the full amount on line 2 at the bottom of page 3. If separate returns are filed by you and your wife, both must itemize your respective deductions or take the standard deduction. One cannot itemize the expenses and the other take the standard deduction.

Assuming that your deductions exceed \$500, these are the items you may include on page 3:

1. *Contributions*—These may not exceed 15 per cent of line 5, page 1.

2. *Interest*—Include interest paid on personal loans; interest paid on mortgage in residence; and other non-business interest paid.

3. *Taxes*—Include real estate taxes paid on residence; state in-

income taxes; state gasoline and auto license fees, sales taxes on consumer goods. Do not include federal taxes paid on theater admissions, telegraph, telephone, and electric bills, firearms, boats, and dues. Of course, any federal taxes paid on telephone bills, and other items in connection with business expenses, are included among the expenses listed in Schedule C on page 2.

4. *Losses*—Include cost of repairing pipes frozen or trees de-

stroyed by storm at your residence; jewelry stolen (beyond insurance recovery).

5. *Medical and dental expenses*—Deduct all such expenses that exceed 5 per cent of "adjusted gross income" (page 1, line 5) limited to \$1,250 if you have one surtax exemption, and \$2500 if you have more than one surtax exemption shown on page 1, line 1. Include all medical and dental payments made in 1945 for yourself or any of your dependents,

VETERANS' EXEMPTIONS

ACTIVE SERVICE pay of enlisted men and women is excluded from gross income from January 1, 1941 until termination of war as proclaimed by the President. Claims should be filed by January 1, 1947 to obtain refunds of any 1941 and 1942 taxes paid on such active Service pay of enlisted personnel. Mustering-out pay, pensions, and disability allowances, too, are excluded from taxable income.

Commissioned officers exclude the first \$1500 of active Service pay from their gross income. Any unpaid tax on Service pay earned after 1939 by commissioned officers or commissioned warrant officers may be paid quarterly over a three-year period, without interest, upon application to the Commissioner of Internal Revenue. The first installment is due May 15, 1946, if the taxpayer is released from active duty before December 1, 1945; otherwise, it is due June 15, 1947, or the 15th day of the sixth month beginning after release from active duty, whichever is earlier. Officers of the regular armed forces (as distinguished from temporary commissions) can use the installment method only on taxes previously extended because of sea or overseas duty.

The wife of a man in the Service excludes family allowances from her income. She claims the full \$1000 exemption for both her husband and herself, if a joint return is filed. If her income is \$500 or more, she must file her return and pay the tax by March 15, 1946, whether or not her husband is overseas. The unpaid taxes of a serviceman who dies in active Service are completely forgiven, and the proceeds of war insurance are not subject to income tax.

such as physicians', nurses', hospital bills, eye-glasses, drugs and surgical devices, accident and health insurance, cost of travel to a specified hospital or sanitorium on physician's advice.

6. *Miscellaneous*—Include alimony payments under court order, federal transfer taxes on security transactions, safe deposit box rental (if income-producing property is stored therein), fees paid to investment counsel, or any other expenses in connection with the production of income or the conservation or maintenance of income-producing property, which expenses were not deducted elsewhere on your return.

Net Income and Tax

After listing your net income on line 3 of page 3, you compute your tax. Then, you enter your tax on page 1, deduct the 1945 tax payments previously made, and pay the balance of tax when filing your tax return on or before March 15, 1946.

1946 Estimated Tax

File your 1946 estimated tax return and pay one quarter of the tax on or before March 15, 1946. If you overpaid your 1945 tax, take credit for the overpayment. The other quarterly payments are due June 15, September 15, and January 15, 1947.

50 Rockefeller Plaza
New York 20, New York

HISTORY OF ARMY DENTAL CORPS TO BE WRITTEN

LIEUTENANT Colonel John C. Brauer (DC) has been assigned to the Historical Division of The Office of the Surgeon General for the purpose of writing a history of the Army Dental Corps. A biweekly log of all important proceedings, incidents, and factors which affected the function and activities of the Dental Corps has been kept for the last two years. In addition, each theater dental surgeon has sent detailed reports routinely to the Dental Division which reflect the personnel, professional, and supply problems, as well as accomplishments of the Dental Corps in that command during World War II. The history will be completely documented so that future readers will be able to refer to the source material. It will also include information on the early organization of the Army Dental Corps, and chapters on World War I and the period between World War I and World War II.—*Army and Navy Register*.

Dental student outlines plan for modified dental course to meet increased demands for dental service in postwar years.



'BACHELORS OF DENTISTRY' CAN AID OVERWORKED DENTISTS



By RICHARD D. STRIEBY

THE PROBLEM of the shortage of dentists and the anticipated demands for dental service might be solved by developing a group of Bachelors of Dentistry to supplement the service of Doctors of Den-

tistry. A four-year course of study, equivalent to a regular college course, can be given to train young men and women to practice one of several different phases of dentistry. Those completing this four-year course can be awarded a Bachelor of Dentistry degree and would be entitled to practice only

under the supervision of Doctors of Dentistry.

Candidates for the Bachelor of Dentistry degree can be admitted to the dental schools after one year of pre dental study, and be graduated after three years of study at the dental schools. The required pre dental subjects can be the same as those required for Doctors of Dentistry, except that one course in chemistry might be excluded.

In the required two years of pre dental training there are only the specific requirements of one year of English, one year of biology, one year of physics, one year of inorganic chemistry, and one-half year of organic chemistry. By pursuing these four subjects for one year, the candidates entering the dental schools to study for the degree of Bachelor of Dentistry would have almost the same scientific background as those entering to study for the degree of Doctor of Dentistry.

Specialization

The student will select a major field of study such as: full denture prosthesis, operative dentistry, children's dentistry, crown and bridge, or partial denture prosthesis. The curriculum for the Bachelor of Dentistry should include as much of the curriculum for the Doctor of Dentistry as is possible, especially the theoretical subjects, so that he will have a well-rounded knowledge (if not manual skill) in branches of dentistry other than his major field.

His clinical practice should begin at the end of the first half of his second year at the dental school, and should be devoted almost entirely to the one phase of dentistry in which he is majoring so that his proficiency in this will be well developed.

It is believed that the three years of study should follow closely the first three years of the regular dental curriculum, eliminating such senior subjects as economics, maxillofacial surgery, oral surgery, dental jurisprudence, orthodontia, history of dentistry, diagnosis and treatment planning, and diet and nutrition; as these subjects will be the concern of the Doctor of Dentistry under whom the Bachelor of Dentistry will practice.

Many capable young men and women of limited means will become interested in a dental training which can be acquired in the same length of time as an education in engineering, accounting, teaching, or chemistry. The failure of dentistry to attract a larger number of well-qualified young men and women results in part from the longer time and larger expenditure required for a dental education. Under this suggested plan at the end of four years these young men or women can start to earn a living, and at the same time begin laying aside funds for the further study for their degree of Doctor of Dentistry. The practical experience they will have had, together with a few more years of maturity, will make their study for

the Doctor's degree more meaningful and enable them to attain a higher degree of development.

Assistant to Dentist

The Doctor of Dentistry who will be assisted by a Bachelor of Dentistry will have more time and energy for the aspects of dentistry which require more knowledge, skill, and judgment. He can devote more effort to the biologic, rather than the mechanical, problems of dentistry. He will be able to educate his patients more carefully in the fundamentals of dental health.

If the current speculations about clinical dentistry for the poor and indigent should develop into a real demand for this service, these clinics might well be staffed by Bachelors of Dentistry under the supervision of Doctors of Dentistry.

The dental schools can maintain a certain ratio of Doctors of Dentistry to Bachelors of Dentistry, so as to prevent any possibility of the educational requirements of the dental profession retrogressing to the level of the Bachelors of Dentistry.

As the supply of dental service becomes equal to the demand for this service and no shortage of dentists exists, the length of time devoted to study for a Doctor of Dentistry degree might well be increased a year by requiring three years of pre dental study which would include some of the subjects now taught in the dental school. More of the four years at the dental school can be devoted then to specific dental problems.

4510 Paseo
Kansas City, Missouri

CALIFORNIA ON THE BALL

IN A FORTHRIGHT declaration the Joint Legislative Committee of the California State and the Southern California State Dental Associations has gone on record as favoring legislation to be introduced in the Congress to insure that "the administration of the Dental Corps of the Army and Navy shall be exclusively by dental officers responsible directly to commanding officers." Dentists formerly in the military service are the ones who can exercise important influence through Congress to correct some of the inequalities under which they suffered during their experience in the Service.

NAVY DENTAL CORPS WINS AUTONOMY

PRESIDENT TRUMAN has signed S. Bill 715 giving autonomy to the Navy Dental Corps. It provides for the establishment within six months of a Dental Division headed by a dentist with the rank of rear admiral in the reorganized Bureau of Medicine and Surgery.



Applied Psychology in the Dental Treatment Room

By I. FRANKLIN MILLER, D.D.S.

HOW CAN THE most favorable state of mind be induced in a patient? Such a question may not be important to everyone, but to some of us it is. For general practitioners who see twenty patients or more every day, who limit their longest appointments to an hour, the systematic application of psychology will have little interest except as an aid to what may be

A dentist suggests specific techniques for relieving nervous tension of patients during long appointments.

termed "quick salesmanship." However, it does concern those of us who rarely serve even ten patients a day, no matter how long our waiting lists for appointments may be, and who so plan our service as to accomplish as much as is physically possible at each sitting.

Instruments are kept on this specially designed cabinet where they are conveniently accessible to Doctor Miller but out of the view of his patient.

I won't discuss the merits of—shall we call it "short order dentistry"? Suffice it to say that it is not my method of practice, or of those who agree with me. My appointments, especially for restorative service, are long and I know they, therefore, create psychological problems. When patients must spend from two to even five hours at a time in order to benefit from my remedial and restorative endeavors, it becomes absolutely necessary to induce in them a favorable state of mind.

In my article THE PSYCHOLOGY OF COMPOSURE¹ I stressed the importance of serenity or composure. Various expedients were described which I found to be effective in allaying the nervous tension of patients; expedients which entered into the construction, organization, and decoration of the entire office. I did not discuss the special psychological problems involved in longer sittings than are customary with most dentists. I believe that the methodical inducement of composure should help any man in handling his patients, although it is difficult to see how the recipients of "short order dentistry" can be serene when they are being strapped in and hauled out of a dental chair every fifteen or twenty minutes!

Before entering upon the special psychological problems which arise when appointments last longer than an hour, you should note two words in the title of this article—*Treatment Room*. This is the name used by me for what would otherwise be called an *operating room*. It is another application of the psychology of composure.

"What is in a mere word?" many may ask. Inappropriate words excite undesirable mental states which tend to frustrate our efforts. If dental service is to be made acceptable to our patients rather than a grim ordeal to be endured, why speak of an *operating room* with its fearsome hospital implications? If it does not matter what they feel, so long as they submit to us, why not be a forthright as our callous British colleagues and call the place a *surgery*? After all, our somewhat Mid-Victorian title "D.D.S." does mean "Doctor of Dental Surgery," doesn't it?

We will begin by assuming that our office is so planned, that our personnel has been so trained, and that the whole procedure of the practice is so ordered, that our patients are composed and receptive. They are relaxed and have no fear of being hurt. What is the psychological factor which creates a special problem when the sitting

¹Miller, I. F.: The Psychology of Composure, ORAL HYGIENE 30:413 (April) 1940.

is prolonged? It is a factor generally known to psychologists as *attention*, a factor which is highly developed in the human mind.

While we are awake our attention is always active, except in the most intense and absorbing states of "pain-pleasure"—which, of course, include the blinding ecstasies of pleasure or triumph, as well as unendurable agony, fear to the verge of panic, grief to utter distraction. Under such conditions the attention is dissolved in the experience of the moment. We know nothing else.

Lack of Interest

Normally, our attention is alert, being constantly engaged by anything which arouses our *interest*, and, of course, this may be pleasant or unpleasant. Attention may be voluntary and deliberate or it may be spontaneous and involuntary. In the former case our interest results from some need of which we have been made aware so that we concentrate our attention upon its satisfaction. If we have no purpose, or a weak one at best, and there is not an interest to attract our spontaneous attention, we suffer from irritation or sheer boredom, we become acutely conscious of minor physical discomforts, we fret and worry about what has happened or what may happen. When we concentrate our attention too long upon a specific purpose we suffer from fatigue. These generalities are so familiar to everyone as to be almost trite,

so let us apply them to the prolonged treatment of a dental patient who, it is assumed, has entered upon the sitting in a placid state of mind. Let us also suppose that the patient has been effectively impressed with the need for the treatment as planned and is prepared to concentrate his attention upon full cooperation with the dentist. For half an hour the patient is wholly interested and all goes smoothly. Toward the end of an hour the spontaneously attracted interest begins to weaken and the patient commences to summon voluntary attention, the will to carry out a purpose.

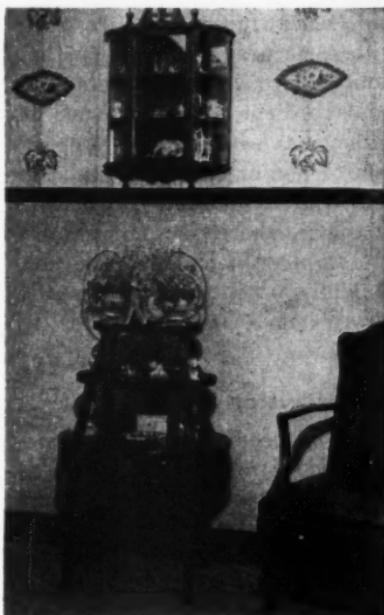
From that point cooperation becomes an effort which ends in fatigue unless we have at our disposal suitable means for stimulating and engaging the spontaneous or involuntary attention. The patient begins to find the chair uncomfortable, fidgets, fails to keep the mouth open or closed as we direct, wonders about the length of the treatment, whether it could not be postponed until another day. Doubts arise as to its efficacy, a little worry emerges, perhaps, about its cost. Things are remembered about the failure of similar service performed for friends by other dentists, needless questions are asked. An unfavorable state of mind has developed, one which places an increasing strain upon the mind of the dentist, often diverting his attention from the operations in hand, calling for more and more mental effort on his

part; all of which tends to impair his efficiency. There we have the problem which was posed in the first sentence of this article.

Prolonging Attention

One of the devices to be employed, as I mentioned in my previous article, is a hand mirror on the bracket table. In passing let it be observed that I place no instruments whatever on the bracket table. The whole armamentarium of treatment is kept in or upon a specially designed and readily accessible cabinet, *behind the chair and out of the sight of the patient*. This is one of my expedients for inducing mental composure. Experience has shown that few things are more disturbing to patients than the sight of a collection of instruments, including burs, stones, anesthetic syringe, bunsen burner, and others; the use of which they don't understand and generally regard with but partly controlled dread and fear. Its importance is even greater in what I like to term the second mental phase of dental treatment when initial interest begins to lag and the attention wanders. That is the time when the attention of patients is strongly attracted by the instruments unnecessarily placed before their eyes, and they begin to wonder uneasily what you are finally going to do to them.

Returning to the hand mirror—this is placed in the patient's hand when I prepare a cavity, or a tooth for a jacket, for example,



Novel gadgets in the reception room create patient interest . . . a desire to observe them more closely . . . to handle them.

and he is asked to watch the operation. Dentists who have never tried this would be astounded at the effect it produces. Instead of sitting helplessly, open-mouthed, with nothing of interest in the field of vision but the instruments on the bracket table, wondering what is going to happen to him next, the patient sees what you are doing—and he is invariably fascinated.

Needless to say, this expedient is not to be recommended to practitioners who have not complete mastery of their technique and are never sure about what steps to take. Little though they may know about dentistry, too many patients

can sense fumbling uncertainty with an accuracy that is almost uncanny. Moreover, the usefulness of this expedient is limited. After the patient has witnessed the preparation of one or two teeth the spectacle begins to lose its charm. Furthermore, there are many other operations which cannot be conveniently watched in a hand mirror. We must resort to other devices.

Use of Vision

For all people who are not pronounced introverts, vision is an important channel to the attention, perhaps the readiest of all except physical contacts, pleasant or unpleasant. Their minds are arrested by what comes before their eyes. What meets the patient's eyes, sitting in the average dental chair? The bracket table, the cabinet to the right, a window, and walls seldom decorated with anything more exciting than the dentist's diploma and his license! The same spectacle in a hundred offices, a thousand, in ten thousand offices, stereotyped, monotonous!

This particular problem has long occupied my mind and interest. What to do about it? One solution was to hang a "What-Not" cabinet on the wall on one side of the window, and a similar but smaller cabinet on the other side. In these are placed a number of novel and intriguing little objects which invariably arouse the curiosity of the patient and a desire to look at them more closely,



In a wall cabinet are a number of novel and intriguing little objects visible from the chair.

especially to handle them.

This brings us to another object on the bracket table. In addition to the hand mirror there is a *toy*. Not a common toy, nor a costly one, but some object generally chosen for its timeliness, its pertinence to the season of the year—Christmas, Easter, Halloween—and above all for its novelty. Dentists who have never tried this expedient will be astonished by the amusement and pleasure that is evinced by men and women when they handle this toy and look at it during convenient intervals.

Something else remains to be done, however. At times when patients cannot inspect objects held in their hands I resort to music, which is irresistible to nearly everyone, introvert and extrovert

alike. I have made use of the Mu-sack Service which sends light popular music from a central station by means of a telephone arrangement. It is much more satisfactory to have patients unconsciously hum a tune in unison with the music, or keep time upon an arm of the chair, than for them to sit in gloomy irritation wondering if you are ever going to finish the treatment.

When the sitting lasts much longer than an hour, I do not hesitate to halt for short periods of rest during which coffee is served and cigarettes are smoked in pleasant relaxation.

In describing this psychological technique, I have omitted any reference to the role of the dental assistant. It must not be inferred that I underestimate her importance. She is a major character in the picture, particularly with reference to her influence upon patients' minds. So much has been said, however, about the importance of her role, that little of value could be added here.

Such are some of my attempts at applied psychology in the treatment room. Their use is predicated upon the necessity of the long appointments which I believe to be the best for some types of restorative service. To this many dentists may object, and I am not

thinking now of those I called "short order dentists." It may be contended reasonably, though I think mistakenly, that the same results could be obtained by shortening the sittings; thereby making unnecessary an elaborate technique for averting mental fatigue and inducing a favorable mental state.

Results alone are the final test of the efficiency of any method of dental practice, results in terms of the permanent dental health of the patients and of general health, insofar as they are related. In operating on patients, especially those requiring restorative service involving complex dental degeneration, a man is more efficient if he concentrates upon as few as possible in a week or a month than if he attempts to deal with a larger number in the same time. His diagnoses will be more accurate, his planning sounder and more comprehensive, and his treatment more thorough.

This may mean that many people will have to wait, even for an appointment for a diagnosis. If the service that has been rendered to the friends or relatives who referred them has been satisfactory —*those people gladly await their turn.*

412 Medical Arts Building
Pittsburgh 13, Pennsylvania



Dentists in the News

Philadelphia (Pennsylvania) Inquirer: The Colonial Motor Lodge in Baton Rouge, Louisiana, is now operated by Doctor Ralph F. Bowman, a former Miami dentist, and his wife. When driving through Baton Rouge, Doctor and Mrs. Bowman stopped overnight at the Lodge. The cabins were attractive, the service was excellent, and both Doctor and Mrs. Bowman liked the place. So they bought it for \$106,000.

Minneapolis (Minnesota) Star-Journal: When Lieutenant Commander Franklin Schaller (DC), former Minneapolis dentist, was rescued after a Jap suicide plane struck the USS Birmingham, the light cruiser on which he was stationed, he was found sitting in the ship's dental chair. Commander Schaller was giving dental treatment to a patient in the ship's sick bay at the time the Kamikaze attack occurred. Twenty-five men, including the dentist's patient, were killed when the suicide plane went through the sick bay wall. The dental officer is unable to explain how he alone survived the attack and he believes it was instinct that made him grope his way into the dental chair.

Philadelphia (Pennsylvania) Inquirer: The home of Doctor Cecil Nixon, San Francisco dentist, presents an undistinguished exterior but is a house of magic inside. It is a fantasia of opulent furnishings, complicated mechanisms, and Arabian Nights settings which he himself has made. Doctor Nixon's prop-

erty, which is valued at \$150,000, includes a life-sized mechanical figure of the Egyptian Goddess Isis which at a spoken request can play on her zither any of 3,000 different tunes, a pipe organ which the dentist built in three years' time, and other beautiful and intricate mechanical devices.

Pittsburgh (Pennsylvania) Press: When the Second Annual Pittsburgh Magic Conclave was held recently, two dentists were among the more than 400 top-notch magicians who met to talk



shop, swap tricks, and watch the magic of fellow magicians. They were Doctor W. J. Rihanek, of Dormont, and Doctor Elliott Brodie, of East Liberty. Doctor Rihanek gave a radio mind-reading show, while Doctor Brodie hypnotized members of the studio audience of another radio show.

Detroit (Michigan) Times: A delegation from the House of David in St. Joseph, Michigan, presented this problem to Governor Kelly's aides:

Of the 700 tribal members of the bearded cult, nearly 300 are confined to

their rooms at the House of David because of old age or illness. Only three dentists practice in St. Joseph and they are too busy to make house calls. Virgil D. Smith of the tribe of King Ben has been restoring and removing teeth for the cult members, but he is not a licensed dentist and is prohibited by law from practicing without a license.

The cult's delegation asked that enforcement of the state law be waived so Smith could continue to serve its members. Wallace R. Colwell, legal advisor to Governor Kelly, said the Governor had rejected the delegates' request, and advised them to submit a formal request to the State Board of Registration in Dentistry.

Chattanooga (Tennessee) News-Free Press: A flying dentist, who covers what is probably the largest dental territory in the world, has discovered enough gold for all the restorations he can place. He is Doctor J. C. Magill, native New Yorker, who travels a million square miles out of Yellow-Knife,

Yukon district, in Alaska, to give dental service.

In explaining how he came upon his



gold Doctor Magill said: "Last month I noticed my miner's license was about to expire. I decided to make use of it. My wife and I found an abandoned claim staked a long time ago—and it turned out to be a surface vein of free gold. The vein is 100 feet wide, and already has been valued at a half million dollars."

Doctor Magill, who is 31, went to Alaska three years ago with sixty-five cents in his pocket and an old foot-operated engine and a collapsible dental chair. He flies his own plane to cover his extensive Alaskan territory.

Awards to contributors of this month's stories for DENTISTS IN THE NEWS go to:

CAPTAIN MILTON D. SEIFE (DC), Dental Clinic, Fort Oglethorpe, Georgia.
 NATALIE L. WEST, D.D.S., 56 North Sprague Avenue, Bellevue 2, Pennsylvania.
 MRS. J. B. SCANLAN, 30 Gentian Avenue, Providence, Rhode Island.
 DOROTHY DEANE, 5237 North 5th Street, Philadelphia 20.
 MRS. K. CARLSON, 3031 Lyndale Avenue South, Minneapolis 8.
 SHIRLEY LEE, 1219 68th Avenue, Philadelphia 26.

CAN YOU USE A DOLLAR?

To EVERY READER who contributes a newsworthy item, something unusual about a dentist, which is published in *Dentists in the News*, we will send promptly a crisp, new one dollar bill. Every clipping must be taken from a newspaper and carry the name of the publication and the date line. Clippings submitted cannot be returned. When more than one copy of a clipping is submitted, the first one received will be used. Send all items to Dentists in the News, ORAL HYGIENE, 708 Church Street, Evanston, Illinois.

What Five Years of War Did to the Teeth of Dutch Children



By F. C. CADY, D.D.S.*

An American dentist, who served with UNRRA, reports his findings of dental examinations among children of war devastated Europe.

IN FEBRUARY of 1945 the Allies had taken Antwerp and South Holland and were pushing north at Nijmegen toward the Waal Rhine. About this time a small ship flying the flag of the Netherlands left Antwerp loaded with Dutch children and headed for the coast of England. These children had lived under Nazi rule for almost five years. For the first time in years they were neither hungry nor cold. Many had not seen their parents for months. Many had no parents; they had either been killed by the Nazis or put in prison camps.

This group of approximately five hundred children, ages 7 to 15, was the first of three shiploads to be taken to England for re-

habilitation until Holland was liberated. The Dutch Government planned to send approximately fifteen hundred children from South Holland to England. They were divided into three groups, graded according to their physical condition. The first to leave Holland was the median group and was taken to a hostel (former Army cantonment) near Coventry, England. They were a pitiful sight. A meager diet of tulip bulbs, grass, and a few vegetables, had not been conducive to good health. The children were underweight, stunted, and rachitic; some were tuberculous. All showed physical signs of malnutrition.

You may wonder why these children were taken from their na-

*Dental Consultant, U. S. Public Health Service.

tive land and sent to England, instead of being cared for at home. The answer is simple. At the time there was little food in Holland, and their homes were gone. There were no physicians or nurses, and no one knew at that time how long the Nazis would hold North Holland. These youngsters were under the protection of the Dutch Rehabilitation Committee in London,

which had funds. Dutch physicians and nurses who had escaped from their country were available in England. Some supplies and personnel could be furnished by the United Nations Relief and Rehabilitation Administration and the British Government. The British had housing in the provinces, vacated by British and American troops on D-Day.

Physical Rehabilitation

At the request of the Dutch Government I visited the camp to examine the children's teeth. This was two weeks after their arrival. Even in this short period of time the physicians reported a remark-

A Polish soldier makes friends with two Dutch boys.

Dutch children build castles in ruined town of S'Hertogenbosch.



DENTAL EXAMINATION

495 Dutch Children, Age 7-15 years—Coventry, England

Age	Number Children	(1) D. Teeth	(2) M. Teeth	(3) F. Teeth	(4) D.M.F. Teeth
7 - 9	83	76	4	15	95
10 - 12	248	347	74	110	531
13 - 15	164	338	70	82	490
Age	Number Children	(1) D. Teeth per child	(2) M. Teeth per child	(3) F. Teeth per child	(4) D.M.F. Teeth per child
7 - 9	83	.91	.05	.18	1.14
10 - 12	248	1.40	.30	.44	2.14
13 - 15	164	2.06	.43	.50	2.99

(1) Decayed Permanent Teeth

(2) Missing Permanent Teeth

(3) Filled Permanent Teeth

(4) Decayed, Missing, Filled Permanent Teeth

Note: Item (2) refers to teeth that have been extracted.

able improvement in most of the children. While all were gaining weight, some as much as a pound a day the first week, many will need several years to regain normal physical status. However, the recuperative powers of youth went to work and the rapidity of the physical comeback of the majority was amazing. Their spirits as well were rapidly rising and in two weeks' time their demeanor at least was almost normal. Their diet was wholesome and, for the first time in years, they had their beloved cheese—even for breakfast.

Dental Examinations

I borrowed portable dental equipment from the Coventry Health Department and began the examinations. My assistant and recorder was a Dutch boy of 17 years who spoke fairly good English. The standard procedure for the examination of school children

was used; that is, examination with mouth mirrors, sharp explorers, and good light. The findings of these examinations are contained in the accompanying table:

As the examinations progressed I was surprised to find the comparatively small number of carious teeth in these children. I was not, however, surprised at the small number of restorations in the younger groups. Germans did not provide dental treatment for people of countries they occupied. It will be noted the D.M.F. rate is smaller than among average groups of children of the same age in the United States. For instance, compare these rates with a similar age group in New Jersey:¹

7-9 age group in New Jersey—D.M.F. Teeth per child—2.30.

10-12 age group in New Jersey—D.M.F. Teeth per child—4.44.

13-15 age group in New Jersey—D.M.F. Teeth per child—8.06.

¹Annual Report, Bureau of Dental Health, New Jersey State Department of Health, 1944.

French Dental Records

In France I examined some records of dental examinations of French children, made by French dentists during wartime. Their findings were similar to dental conditions found among the Dutch children. I have been unable to answer the logical questions which arose as to why children living for almost five years under war conditions, on a near starvation diet, with no dental hygiene and virtually no dental treatment, would present a D.M.F. rate much lower than the average in the United States. Two factors may have a bearing on the situation. All information obtained from Dutch physicians, nurses, and others, tes-

tified to the fact that virtually no sugar or sweet foods were available to these children during the period their country was occupied by the Germans. However, reports show the presence of sodium fluoride in the water of some sections of the Netherlands. It is possible some of the children used this water.

An interesting by-product of this study will be to compare these findings with records of Dutch children of the same age, made prior to the war, under normal living conditions. This the Dutch Committee agreed to do, provided their school dental records have not been destroyed.

*U. S. Sub-Treasury Building
New York City 5*

COLUMBIA BARRED IN NEW JERSEY

ON JANUARY 4 the New Jersey State Board of Dental Examiners announced that graduates of the School of Dental and Oral Surgery of Columbia University would be barred from admission to practice in New Jersey. The ruling does not affect the members of the present Junior and Senior classes at Columbia. This action was taken because the New Jersey Board looks with disfavor on the domination of dental education by medicine.¹

¹Columbia, the Gem of Discord, *ORAL HYGIENE* 35:2106 (December) 1945.

BRITISH DENTISTS OUT ON STRIKE

FIVE HUNDRED British dentists went on an unofficial strike for a raise in the fees for dentures made for persons under the health insurance system. The dentists demand that the fees be raised to \$42 from the present rate of \$25.50. Pending a decision by the Ministry of Health, they refuse to supply dentures except for emergency treatment to former soldiers and returned prisoners of war.



THINK

Before You Threaten

By HAROLD J. ASHE

Methods for the collection of overdue dental accounts should create good will as well as effect payment of the fees.

IS IT POSSIBLE to be too aggressive in the collection of past due accounts? While no binding rules can be laid down for the guidance of dentists in the collection of overdue bills, as many *hard-to-collect* accounts remain unpaid because dentists are too "hard-boiled" as because they are too lenient. Paradoxical as this may seem, its truth has been demonstrated times without number.

For every account uncollected by an easy-going dentist, another uncollected account can be found on the books of a dentist who prides himself on being "tough" with delinquent debtors. The former assumes unnecessary losses

because he does not press sufficiently for collection; the latter freezes up his debtors because he crowds them too much! Somewhere between these opposite poles is a temperate zone of good judgment and minimum losses.

Case after case comes to mind in which roughshod collection methods not only have failed to effect collection, but have so alienated debtors that it is doubtful if the bills will ever be paid. This, of course, does not refer to chronic "dead beats," able but unwilling to pay, to whom no mercy should be shown. I have in mind the typical honest debtor who, because of unfortunate circumstances, finds himself unable to pay at the time his bill is due, and who may have a continuing period of time during which he is financially unable to honor the bill. In such circumstances, the manner in which the



creditor presses for payment not only may determine whether he retains this debtor as a future patient, but, in not a few instances, it also may determine whether he ever effects collection.

Innumerable circumstances beyond the control of the debtor may arise subsequent to the making of the obligation involving temporary reverses of varying lengths of time. Such reverses ordinarily do not make honest men dishonest, but merely make them unable to pay, a fact that seemingly escapes many creditors otherwise noted for their good judgment.

Aggressive Methods

Antagonize

In such instances, routine collection methods are a waste of time or worse. If followed through with mechanical precision up to and including form letter Number 10 or 20 threatening to "turn this matter over to our attorney," the creditor has succeeded only in spending considerable money with the dubious objective of destroying good will, an intangible asset that no dentist should dissipate lightly.

If, in such instances, the dentist marches against the debtor with grim determination to collect "or else," he not only undoes the effort of years in building up that particular patient's good will, frequently worth far more in future years than the debt itself, but he may do irreparable damage to the debtor in an amount far beyond

the value of the debt. In an effort to get his "pound of flesh" he may actually go far toward destroying the debtor's ability to recover his financial stability. It is from such situations that debtors develop who, temporarily unable to pay, resolve not to pay when they become able.

The dentist should analyze his hard-to-collect accounts, separating the "dead beats" from those who honestly acknowledge their indebtedness and want to pay but are unable to do so immediately. An effort should be made to determine the underlying causes for delinquency and the dentist should act accordingly. Too frequently those temporarily unable to pay and those unwilling to pay are lumped together as "dead beats" with disastrous results both for debtors and creditors!

In the case of honest delinquent debtors, the assigning or selling of the account to collection agencies is an expensive solution for the dentist in more ways than one, though it is justified in the case of genuine "dead beats." The collection agency is not concerned with preserving the dentist's good will in the community, but only in effecting collection of a large part of the debt. That the collection agency resorts to reprehensible practices, where the dentist himself would not, does not absolve the dentist in the mind of the genuinely honest patient, unable to pay promptly. And not infrequently, these practices are witnessed by

disinterested persons who, potentially, if not actually, are patients of the dentist.

Honest Debtor

Illustrating this is an incident that, though true, is almost fantastic. A friend, who specializes in tracing missing persons, related to me that a well-dressed stranger called on him recently and asked him to trace three people for him. One was a physician, another a grocer, and a third was a milk delivery driver. They had all moved away from the last address known, which dated back to 1933. The tracer insisted on knowing why they were being sought before he would proceed.

The stranger startled my friend by matter-of-factly announcing: "I owe them money and I want to find them so I can pay them."

Here is the story he told. In 1933 he had had a long siege of illness in his family; first he, then his wife, and finally his child. The physician had treated the entire family and had saved the infant's life; the grocer had "stood them off" for groceries; the milk driver had kept them in milk. Later he had moved away from the neighborhood and he had had a long uphill fight to get back on his feet. Then, when he finally had enough money to start paying his debts, his creditors had all moved and his clumsy efforts to trace them had failed. Now, with sufficient money to hire expert aid, he was again resuming the hunt so that he

could discharge his 12-year-old obligations.

"I'm not crazy," he assured his listener, whose incredulity was poorly concealed. "These people helped me when I needed it and I haven't forgotten them. See that store over there," and he pointed out of the office window to a credit establishment. "I haven't forgotten them, either. I owe them, too, but they'll never get a dime more from me. They hounded the life out of me trying to collect when I was out of a job; they told three different landlords that I was no good and didn't pay my bills and I was evicted on the strength of that. Then the first job I got they garnisheed my first week's wages and I was fired. I got another job and they did it again, and again I was fired. Pay them? Never!"

Certainly this man's honesty is exceptional, but only in degree. Where honesty and integrity are present in a debtor, soft words, persistently and intelligently used, will effect collections where bulldozing and threats may fail.

If it is sound practice to consider people individually in getting along with them generally, it should be no less important to weigh their circumstances individually when trying to effect collections. It may involve more time and patience to tailor a collection method for each hard-to-collect account, but it is worth the effort.



Dental Service for Veterans*

How Veterans Administration will provide the dental care for veterans under the specifications of existing law.

By J. S. RICHARDS

How MUCH dental service will veterans of World War II receive from the United States Government through the Veterans Administration? Will this service be a step toward socialized dentistry? Will it be a keystone to better national dental health? Will the government grant fee service dental treatment for veterans to private practitioners in great volume? What effect will the demobilization of some fourteen million servicemen have on dentistry?

The answers to such questions are important, having a bearing on the whole dental health situation. This is true because of what will be done regarding veterans, and

because what one branch of the government does in any health program has a bearing on what other branches do. The Veterans Administration will have an increased dental load from this war. It will not be the colossal problem envisioned by some careless or biased observers who have been worrying about the whole veterans' picture. The Pepper Committee reports have been one source of a suggestion that the federal government would soon be caring for the medical and dental health of all veterans and all their families. No such situation is actually in sight or possible under existing law.

The government is not, in fact, going to give as much free dental care, in proportion to numbers, to the veterans of this war as it gave to veterans of the first World

*Condensation of article published in *Dental Health*, August, 1945.

War in the two or three confused years immediately following that conflict.

Who Receives Dental Care?

What the government is now committed to doing, by law, and through the Veterans Administration facilities, is to give dental care to five classes of veterans, as follows:

First, to veterans having definite dental disabilities originating from their military service.

Second, to veterans with service-connected disabilities of a medical character, not primarily dental, but where treatment is necessarily involved in their medical care.

Third, to veterans with no service-connected disability, but with disabilities arising from causes other than service origin, who may be qualified for free hospital treatment which may involve some auxiliary dental treatment. Veterans in this class may receive dental treatment only while hospitalized.

Fourth, veterans in domiciliary care receive free dental care within limits.

Fifth, veterans taking vocational training courses (they must have service-connected disability ratings) are entitled to dental treatment to the extent "necessary to prevent interruption of their training."

So far as the load of dental care is concerned, the fourth and fifth groups will probably not present any volume needing special consideration. World War II men in

domiciliary care will be in quite limited numbers for some time. Vocational trainees may be numerous, but for short periods only, and they are entitled only to what is substantially emergency dental care. It is in the first three classes that the volume of dental service will develop, and is already developing, in considerable volume.

While it has been estimated that this volume may become seven or eight times the dental care load arising from the last war, it is developing gradually, is not yet a critical problem, and may not become one for several reasons.

One reason is that the men of this war have had more dental care than the men in the last war enjoyed while in the armed forces.

Veterans Administration

Another reason is that the Veterans Administration has twenty-five years of experience back of it today, whereas it had none after the last war. It operates ninety-seven hospital and medical facilities, each with dental departments. It has registered with it a large number of "designated dentists" ready to function on a published schedule of fees at places where no Veterans Administration facility is within reasonable distance. It is dealing with veterans who have records of dental conditions on entering and leaving the armed services. It has rating boards with established standards and dental personnel with experience in its field of service under the laws as they

stand. It probably has not enough of anything, material or personnel, to meet all the needs ahead, but it has no reason to be taken by surprise with the load that develops. No reason now exists to have any pile of unopened mail on hand, any lengthy list of unexamined applications, or long lines of applicants waiting day by day to just "see somebody." Things like that happened in the confused period immediately following the last war.

The Veterans Administration now has a dental staff of about two hundred and twenty-five dentists. They are civil servants, rated as Senior Dentists, Dentists, and Associate Dentists, and are recruited from the U. S. Civil Service Commission. As the postwar load develops, there will be a steady demand for added dental personnel.

A survey by the American Dental Association has indicated that some of the dentists now in the armed services will give careful consideration to remaining in public positions. The Veterans Administration hopes to secure enough of them to meet its requirements. It would like to see the salaries, retirement provisions, and other factors of its dental service strengthened so as to attract career men. The present salary scale begins at \$3,640 for Associate Dentists, who may advance to \$4,300. Dentists get from \$4,300 to \$5,180, and Senior Dentists from \$5,180 to \$6,020. A few positions in the Central Office pay a little more, reaching a top salary of \$8,285.

Before the war the Veterans Administration was developing instruction service in its hospitals, and adding research facilities.

Treatment by Private Dentists

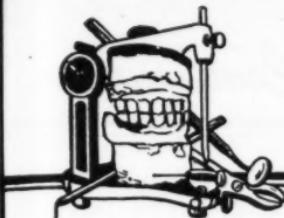
In addition to the dental care of the hospital patients, the Veterans Administration dental staff has handled in recent years all but about 5 per cent of the outpatient dental care and dental examinations. In this field it expects to call for a growing volume of treatment by "designated" or private dentists. No "contract dentist" load such as followed the last war is anticipated, but a growing load of service on a fee basis seems certain. The Administration will also expand its own capacity by installing downtown dental clinics in a few large cities; the first one being planned in New York. These will handle part of the rush of business which may develop from World War II veterans as they are demobilized.

There are too many unknown factors involved to make it possible for the Veterans Administration to predict its exact dental problem. The rating boards may be liberal in allowing "service connection" for dental disabilities. At present the record regarding World War II veterans is a liberal one, speaking in terms of percentage of claims allowed as compared to World War I records after 1924. Then there is the question of medical judgment as to what medical cases call for auxiliary dental care.

The dental staff of the Veterans Administration takes these as handed to it by the medical officers. There is also an economic factor of considerable weight. In times of unemployment, patients tend to remain in veterans' hospitals as long as possible, and to receive all of the dental care prescribed. In times of full employment, many patients leave before receiving the full dental care allowed. That factor alone has helped to reduce the dental service, per patient admitted, greatly in the last five years. It may change. The age brackets of the new veterans also make for a probable greater volume of dental need.

SO YOU KNOW SOMETHING ABOUT DENTISTRY! (SEE PAGE 229 FOR QUESTIONS)

1. No. (Kronfeld, Rudolf: Clinical Pathology of Periodontal Pockets, J.A.D.A. 27:499 [April] 1945).
2. Descending palatine artery and the nasopalatine nerve.
3. (c) 130° - 140° F. (Miller, R. G.: Synopsis of Full and Partial Dentures, C. V. Mosby, page 40).
4. No. (Accepted Dental Remedies, 10th Edition, American Dental Association, page 42).
5. (b) research on gold inlays. (Taylor, J. A.: History of Dentistry, Lea & Feabiger, page 130).
6. (a) shrinkage. (Skinner, E. W.: The Science of Dental Materials, 2nd Edition, Saunders, page 170).
7. The maxillary and mandibular first permanent molars. (Tylman, S. D.: Crown and Bridge Prosthesis, C. V. Mosby, page 21).
8. Early extraction of deciduous teeth. (Kronfeld, Rudolf: Histopathology of the Teeth and their Surrounding Structures, 2nd Edition, Lea & Febiger, page 28).
9. True. (Kronfeld, Rudolf: Histopathology of the Teeth and their Surrounding Structures, 2nd Edition, Lea & Feabiger, page 168).
10. (b) 50 per cent. (Brauer, J. C.; Higley, L. B.; Boyd, J. D.: Dentistry for Children, Blakiston, page 11).



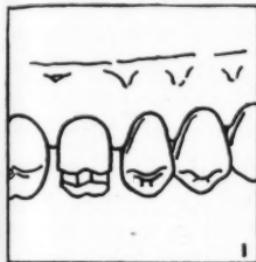
Technique of the Month

Conducted by W. EARLE CRAIG, D.D.S.

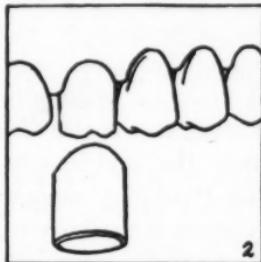
Drawings by Dorothy Sterling

Inlay Technique Using Alginate Impression

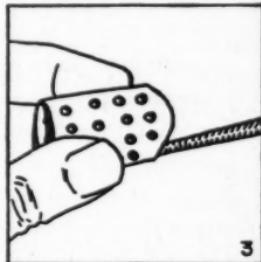
By CAPTAIN WILLIAM HARMELIN (DC) AUS



1



2



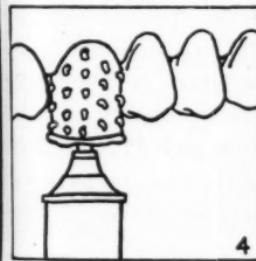
3

Make preparation in the orthodox manner.

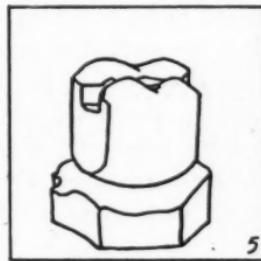
Select and contour a copper band just a little larger than the prepared tooth.

Note: This technique may be used for bridge construction by taking a plaster impression while tube containing alginate impression is in place on each of the two teeth that are to be used as abutments.

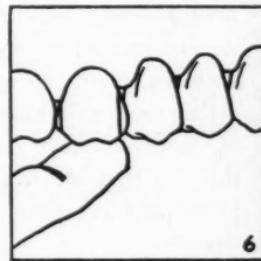
With a 701 bur, drill holes in the band. Smooth the inside of the band with a fine rat-tail file. The holes help retain the impression material and allow the excess to flow out.



4



5



6

Position the band over the prepared tooth. Using an alginate impression material in a metal hypodermic syringe (without needle), force the material into the band under pressure.

Allow the material to set. Remove the impression from the tooth. Pour model in diolite or stone. The resulting model will be accurate and show the finest detail.

Wax up the pattern and try in the mouth. Cast the inlay.



Editorial Comment

"Give me the liberty to know, to utter, and to argue freely according to my conscience above all liberties." John Milton

DENTAL BENEFITS UNDER A NATIONAL HEALTH PLAN

SINCE PRESIDENT Truman directed his health message to the Congress both the public and the professional press have reacted with excitement according to their prevailing preconceptions. The labor and the liberal press are supporting such a national health plan with genuine enthusiasm. The dental and medical journals and the conservative publications are pointing with some alarm. The general acceptance by the American people of Social Security legislation suggests that the average wage earner does not protest against compulsory withholdings to pay his old age and unemployment compensation tax. Most of these same people will probably not object to a higher tax rate to cover the costs of health care, provided they understand exactly what they are to receive in the way of benefits.

The opponents of a compulsory health plan, with the exception of the shrieking reactionaries, are honestly fearful that such a system endangers the quality of health service. Their arguments in this particular cannot be considered to be based on specific evidence because no one has yet proved that the method of payment has anything to do with the quality of service. The fact that the government pays the bills rather than individual patients should not influence the quality of care. If, however, there is anything inherently degrading and dangerous in the fact that services are rendered under the third-party, prepayment principle now is the time for us to make a vigorous declaration of this danger.

The present Wagner-Murray-Dingell Bill consists of two parts: Title I provides for grants-in-aid to states for public health service. Title II provides for prepaid personal health service benefits. The grants-in-aid to the states for child and maternal health, for the care of needy persons, and for public health service, are not the subjects that have stimulated

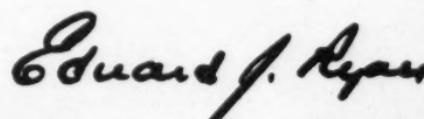
debate. There seem to be no serious objections from any quarter to the objectives in Title I. Under the provisions of Title II there is to be created a compulsory prepayment health insurance plan that will include general and special dental benefits.

The Surgeon General who would administer the law may restrict the content of the dental benefits at the beginning but in time these services *may* be provided: "On and after July 1, 1947, however, the restricted content of the general dental or special dental benefit must include at least (1) examination (including x-rays) and diagnosis, (2) prophylaxis, (3) extraction of teeth which are considered by the dentist and an attending physician to be or likely to be injurious to the general health of the individual and (4) treatment of acute diseases of the teeth, their supporting structures and adjacent parts, including fractures of the teeth or jaw. He may also fix an age above which the restriction on content shall apply."¹

This obvious hedging indicates that the authors of the bill realize that complete and adequate dental coverage could not be provided under the compulsory health insurance system. It is an obligation of the dental profession to tell the American people that the dental benefits do not make any provision for the restoration of individual teeth or missing teeth. There is actually no provision whatever for the treatment of dental caries except by extraction. That, we must admit, is primitive dentistry! Neither should we approve the provision that an attending physician must decide what teeth are to be removed.

We should base our objections to the Wagner-Murray-Dingell Bill on the content of the proposed legislation itself rather than read threatening implications into the bill. So far as dental benefits are concerned, the provisions are vague, ill defined, and poorly conceived. We should suggest revisions. If the people think that they are getting full dental benefits they are being fooled. We do not have to drag in the bogeyman of socialism. It should be enough to inform our fellow citizens that they are being hoodwinked.

¹The National Health Act of 1945, J.A.M.A. 129:966 (December 1) 1945.

A handwritten signature in cursive ink, appearing to read "Edward J. Ryan".

*Portraits
and Profiles*
OF AMERICAN DENTISTS

By HOWARD A. HARTMAN, D.D.S.



Holly C. Jarvis, President of the Ohio State Dental Society and Harvey Burkhart, Trustee of the A.D.A. (second district) and Director of Eastman Clinic.

Gordon M. Fitzgerald, San Francisco; Homer D. Butts, Pittsburgh; S. G. Applegate, Detroit.



**C. W. Marriott and T.
J. McDermott, Cleve-
land.**



**Hamilton B. G. Robi-
son, Editor of the
Journal of Dental Re-
search.**



**Hunter S. Allen, Bir-
mingham.**



**H. W. Allen, Kansas
City and Myron
Lusk, Minneapolis.**





Ask Oral Hygiene

Please communicate directly with the Department Editors, V. Clyde Smedley, D.D.S., and George R. Warner, M.D., D.D.S., 1206 Republic Building, Denver, Colorado, enclosing postage for a personal reply.

Periodontitis

Q.—I have a patient, a girl about fourteen years of age, who has an open bite which prevents her anterior teeth from occluding. She came to me for treatment two weeks ago. At that time her gingivae on the labial surface from the lower left cuspid to the right central gave evidence of an advanced case of periodontitis. Her labial gingivae around the upper left cuspid and the incisors looked the same.

I advised the use of a mouthwash of potassium permanganate for one week and had her come back to have the tartar removed. There was no tartar. The rest of her mouth was healthy.

What is this condition and what can I do to give relief? I cleaned her teeth and prescribed sulfathiazole gum.

I shall appreciate any help you can give me.—W. H. S., West Virginia.

A.—The fact that none of this girl's anterior teeth occlude is undoubtedly the result of the child's habit of holding her tongue or some other object between her anterior teeth.

The inflamed condition of these anterior gingivae could be partly the result of lack of normal function of the teeth but it is more likely to be of systemic origin. It might be well to recommend a medical examination.—V. CLYDE SMEDLEY.

Receding Gingivae

Q.—I have two patients, one a girl 8 years of age and the other a married

woman; each has a lower anterior tooth from which the gingiva has receded and is inflamed. This recession is half way down the root. The other gingivae are healthy. What is the cause of this condition and what would be the treatment?

I am sending roentgenograms of a third patient for you to examine. This patient had swelling and pain. I drained the area and the pain subsided, but I am wondering what should be done about the condition that exists. She tells me her teeth have been out for eight years.—F. J. G., Nebraska.

A.—I think you will find in both of your patients, in which there has been a recession of the gingiva on a lower anterior tooth, that the tooth affected is a central incisor and that the frenum of the lip is attached near the gingival margin of the affected tooth. There is nothing you can do about it except to keep the gingival sulcus clean.

The roentgenograms enclosed with your letter show what appear to be tooth fragments mesial and distal to the radiolucent area. It will be necessary to open up this area widely and remove these fragments.—GEORGE R. WARNER.

Iron Compounds

Q.—Is it destructive to the teeth if one takes tonics containing iron compounds in liquid form? I know it has always been considered so, but when a physician called me today and asked

the question, I found I had no authority on which to base an answer.—M. A. G., Colorado.

A.—To the best of my knowledge the iron content of a medicament could have no destructive action on the teeth if the pH of a given preparation is not low enough to unite with the lime salts of the enamel. Liquid preparations of iron are given through a glass tube to prevent discoloration of the teeth. If such a preparation has such a low pH that it would have a destructive action on enamel, taking it through a glass tube would be no protection to the enamel. The lingual enamel of the anterior maxillary teeth would suffer more seriously than any of the enamel if the preparation were not taken through a glass tube.—GEORGE R. WARNER.

Glossodynbia

Q.—In March, 1945 I began extracting teeth for a patient of mine, a woman approximately fifty-five years of age. In May, 1945 the last teeth were removed and an immediate upper acrylic denture was delivered to her. Some three weeks later she began to complain of a burning sensation in the middle part of her tongue. On several occasions she has left the denture out overnight, and the following morning the sensation is less noticeable. Since she dislikes being without the denture, even at night, she does this only when the sensation becomes rather severe. Her physician has failed to find the cause of this condition, and I am equally at a loss to explain it. Could you make any suggestions?—W. V. J., Georgia.

A.—Among possible or contributing factors of glossodynbia or burning tongue are: rough or unclean tooth or denture edges or surfaces, nerve pressure by a denture or other mechanical appli-

ance, or pressure by the head of the condyle upon the chorda tympani or auriculotemporal nerve or both because of an abnormal or closed bite. Nerve irritation resulting from the habitual use of some drug or drugs, allergy or protein susceptibility or the use of too strong mouthwashes or dentifrices, anemia or galvanic action between two or more different metals in the mouth may also contribute to this condition.¹—V. CLYDE SMEDLEY.

Leukoplakia

Q.—I have a patient, a man of 48, with a pronounced case of leukoplakia. I have forbidden the use of tobacco (was a heavy smoker), the intake of any drink containing alcohol, and have ordered him to refrain from the use of all sharp condiments. In addition, I have ordered him to rinse his mouth frequently with a saturated solution of boric acid.

The patient wears an upper denture and tolerates a lower partial denture when conditions permit.

The progress of the disease has been arrested, but the disappearance of the white patches is disappointingly slow.

What else would you suggest using in order to bring about a more rapid healing?—E. G. H., Wisconsin.

A.—You are handling this case of leukoplakia admirably; especially should your patient be impressed with the necessity of complete and final abstinence from the use of tobacco, even if the present leukoplakia clears up entirely. I have seen two cases in which the leukoplakia cleared up when the use of tobacco was discontinued. Later, in one case the man became

¹Costen, J. B.: Glossodynbia: Reflex Irritation from the Mandibular Joint as the Principal Etiologic Factor, *Archives of Otolaryngology*, pp. 554-564 (November) 1935. Reprinted by the American Medical Association, 535 North Dearborn Street, Chicago, Illinois.

a tobacco chewer instead of a smoker, and in the other case the man started smoking again. In both cases they had hopeless cancerous conditions when I last saw them.

The late Doctor Bloodgood advised the use of a mild alkaline, sodium bicarbonate mouthwash in cases in which the leukoplakia seemed serious. In one such case in my practice we finally resorted to the use of radium, which cleared up the condition, and the man lived some fifteen years without any return of the disease. In our case I could not see any improvement until nine months after the patient stopped the use of tobacco. However, the leukoplakia finally disappeared.

In some cases the leukoplakia never entirely disappears but that is nothing to worry about so long as it does not become worse or of the verrucous type. Watch your patient carefully with special reference to any breaking down of the tissue. Should there be any such tendency, radium should be used at once.—GEORGE R. WARNER.

Overextension of Denture Flanges

Q.—I have completed a denture for a patient. Retention is excellent when applying finger pressure tests, but after a few moments of talking the denture drops. I wonder if you could suggest a remedy.

I have gone over the denture, sealing around the periphery, but no improvement results.

Many thanks for your assistance.—A. J. S., Massachusetts.

A.—May I suggest that you probably have overextension of the periphery at some point where muscle tension is sufficient, when

the patient is talking, to overcome suction and cause the denture to drop?

The fault might be an unbalanced occlusion with tooth or cusp contact causing a tipping leverage to break suction, but in this case dropping would be more likely to occur while eating. — V. CLYDE SMEDLEY.

Sodium Dilantin

Q.—Will you kindly advise your treatment of the gingival tissues for a patient under dilantin treatment for epilepsy?—C. K. W., Kansas.

A.—It is generally accepted that sodium dilantin gingival hyperplasia cannot be treated successfully so long as the patient is taking the drug. A decrease in the amount of the drug with scrupulous cleansing of the mouth by the patient and thorough and frequent prophylactic treatments by the dentist may result in a decrease in the amount of hyperplasia and improvement in the tone of the gingival tissue.

It is reported in a recent article² that "repeated surgical measures or complete cessation of the drug therapy will remove the excess tissue." However, other writers report lack of success with surgical measures. The article quoted states that the hyperplasia occurs in 54 per cent of all persons taking the drug. No other tissue in the body seems to be affected.—GEORGE R. WARNER.

²Easterberg, H. L., and White, P. H.: Sodium Dilantin Gingival Hyperplasia, J.A.D.A. 32:16 (January) 1945.

Paresthesia

Q.—The other day I extracted an upper right third molar. I was making my injection in the usual way into the mucobuccal fold just anterior to this tooth, when my patient, a woman, suddenly put her hand up in the region of the right infra-orbital foramina and said she experienced a severe sensation in this area, just as though she had received an electric shock. She became panicky, saying that she could not see out of her left eye, that everything was blurred, and she also started to cry.

I did not stop injecting because I was nearly through; but when I did stop, I reassured her and told her not to be alarmed. I held a piece of reading material before her left eye, closing the right eye, and asked her if she could read. She said she could. Then I held it in front of her right eye, and she said everything was blurred. I asked her if she could read the numerals on a calendar, and she said they seemed to be dancing around. It took about ten minutes before the sight of the right eye was normal. Then the patient said there was a loss of sensation in the area under the right eye as though the procaine had been injected there, and the anterior teeth and the bicuspids also felt numb.

I extracted this patient's upper left third molar about a week ago, using the same technique, and the extraction was uneventful and painless. I finally extracted the right third molar too and that was also painless. I called the patient later in the day to ascertain her condition, and she said she was all right. Now just what happened? That was my first experience of this kind in twenty-four years of practice, and, while I was perfectly calm about the matter, it puzzled me.

I am having considerable success treating Vincent's Infection with 7 per cent chromic acid solution and peroxide. In fact it is the easiest way I have found to control and cure it, but how long should one wait after applying the acid and peroxide before rinsing the mouth with water?—R. P. N., Minnesota.

A.—In regard to a paresthesia of the eye in connection with an

injection of procaine into the mucobuccal fold just anterior to the maxillary third molar, I can only say that while this had never happened to you in twenty-four years of practice, it has happened to other operators. We had a case in which, after a second division block, the patient could not close his eye. What happens, I am sure I cannot say; but I suspect that the anesthesia gets to the ophthalmic branch through the circulation or reflexly from the second division or into the pterygoid plexus. You showed good sense in not getting panicky, and your control of yourself gave you control over your patient.

In my use of 7 per cent chromic acid and hydrogen dioxide I have the areas of application blocked off with cotton rolls, and I usually leave them in place about ten minutes after applying the chemical. I add the hydrogen dioxide at least twice and, if necessary, more times. By necessary I mean until there is no evidence of reaction between the two chemicals. I have never seen any evidence of decalcification following this plan of treatment. I may say, however, that I now rarely use this treatment but once in a given case. I immediately scale as much as soreness of the gingivae will permit and then use chlorophyll in the after treatments.—GEORGE R. WARNER.

Missing Incisors

Q.—Enclosed is a roentgenogram of a patient, a girl 15 years of age. I intend to draw the central incisors together, and then put cantilever bridges on the cuspids, replacing the laterals which are congenitally missing. Is this pro-

cedure correct? Is the patient too young for placing three-fourth crowns on cuspids? Will it endanger the life of the teeth?—D. I. H., North Dakota.

A.—Your procedure for bringing the central incisors together for your 15-year-old patient and then supplying the missing lateral incisors by fixed bridges attached to the cuspids is all right. However, the pulps are too large and

the dentine too immature at this age to make fixed attachments on the cuspids safely. The girl should be at least twenty before fixed bridges are made. In the meantime, the lateral incisors can be supplied satisfactorily on a small partial denture. Orthodontists use this plan rather generally.—GEORGE R. WARNER.

PRIZE-WINNING STORIES REFLECT DENTAL LIFE

ALMOST \$4000 in awards have been won by dental writers in the monthly ORAL HYGIENE contest in which the author submitting the best story published each month receives a \$100 prize. Other acceptable articles are paid for.

Dental officers, civilian dentists, dental assistants, and dental hygienists, have been awarded prizes for a wide variety of stories. "What I Want When I Resume Practice" is the subject of a timely story by a captain in the Army Dental Corps who will be coming home soon; and a dental assistant has expressed her point of view on jobs for service-women. The moving story of C. Edmund Kells, pioneer investigator of x-rays, earned the author a prize. One dentist described his rugged life on the Yukon, another offered his reasons for the failures in dentistry, and a forward-looking dentist contributed a retirement plan.

If you don't have a gift for feature writing you may have practical suggestions for improving dental practice, for the wider distribution of dental service to the public, for a retirement program, or a plan to aid dentists who are returning from military service.

Whatever your ideas about the future of dentistry are, we want to know about them. Tell us in 1500 words what your own plans are or what the dentists around you are thinking and talking about. Here are the rules to follow:

1. Your article must have a dental angle.
2. Set down your ideas in simple, direct, forceful language without literary flourishes.
3. All manuscripts must be limited to 1500 words, typed, double-spaced, and accompanied by return postage.

Send your story now! You may be the winner of the next \$100 award. Mail your manuscript to: Edward J. Ryan, D.D.S., Editor, ORAL HYGIENE, 708 Church Street, Evanston, Illinois.

Justi-facts

49

DENTA PEARL
ACRYVELUM

CYCLO-MOLD TEETH • JUSTI-TONE T-3 • FILM-AC
Fluorescent ACRYNAMEL, STAINS and ACCESSORIES

394. The new liquid ACRYNAMEL OPAQUE is finding routine use in all jacket crowns. Routinely paint stump, allow to dry thoroughly, pack and process jacket as usual.

395. The above procedure eliminates influence of cement on shade of jacket, regardless of thickness.

396. The wear, like natural teeth, of acrylic teeth was first thought to be a disadvantage. It is now admittedly one of the main advantages of acrylic teeth.

397. Wear, like natural teeth, continuously balances occlusion. Balanced occlusion thus obtained is infinitely superior to any mechanical articulator.

398. Balanced occlusion, constantly maintained, also maintains denture retention indefinitely.

399. Denture retention lasts longer with acrylic teeth for the following reasons—Resilient occlusal impact eliminates transmission of shock to the tissues; minimizes trauma, alveolar absorption, all ridge change.

400. MUCO-SEAL impression material plus MUCO-SEAL technique gives positive retention of the lower denture. Acrylic teeth maintain this stability over a period of years, not just days or weeks.

Products with a Single

Purpose - Better Dentistry

H. D. JUSTI & SON, INC., PHILADELPHIA 4, PA.

RELIABLE DENTAL PRODUCTS SINCE 1864

Impenetrable



F L E C K ' S

MIZZY, INC. • 304 EAST

Absolute impenetrability guarantees that oral fluids containing acids and bacteria cannot seep through a cementing medium to loosen appliances or develop secondary decay. Absolute impenetrability guarantees added years of service from the cementation.

Fleck's Zinc and Red Copper cements are absolutely impenetrable! That is one reason why it has been used so successfully and by more dentists than any other cementing medium. Proof of impenetrability is easily demonstrated in the following test.

Shape a mix of Fleck's cement into a pellet and allow it to set to consistency of thick putty. Immerse pellet in aniline dye solution for at least three weeks. Remove pellet and split in half as shown in illustration. In this test, where even the slightest penetration would show dye color below the external surface, both Fleck's cements *will show clean, uncolored cross sections!*

The full significance of this experiment is multiplied when you consider that even the slightest penetration would be sufficient to permeate the full depth of the average cement film.

C E M E N T

• NEW YORK 10, N. Y.



Laffodontia

I'm all done with dames. They cheat
and they lie.
They prey on us males to the day that
we die,
They tease and torment us and drive us
to sin—
Say, look at that blonde who just
came in.

★

Say it with flowers,
Say it with sweets;
Say it with kisses
And say it with eats.
Say it with jewelry,
Say it with drink;
But whatever you do—
Don't say it with ink.

★

Betty: "Were you entertaining last
night in the living room with the lights
out?"

Bobbie: "Well, my boy friend thought
so."

★

Father: "I want to speak to you
about my daughter."

Young Man: "Shoot!"

Father: "I will if you don't marry
her."

★

To stop the wearing of short skirts,
I wouldn't if I could,
For the wearer has a perfect right,
And her left is just as good.

Student: "Why didn't I make a 100
in my history test, teacher?"

Teacher: "You remember the ques-
tion, 'Why did the pioneers go into
the wilderness?' Well, 'To neck' is not
the answer."

★

New clerk: "What do you do when
a person forgets his change?"

Manager: "You tap on the counter
with a dollar bill."

★

"Scotty, do you believe in the old
saying, 'A friend in need is a friend
indeed'?"

"That I do, stranger."

★

Flapper: "I'd like to look at some
bathing suits."

Clerk: "U-Neck?"

Flapper: "Certainly, but right now
I want a bathing suit."

★

If Little Red Riding Hood lived today
The modern girl would scorn her.
She only had to meet one wolf
Not one on every corner.

★

Sailor One: "How was the dance
last night?"

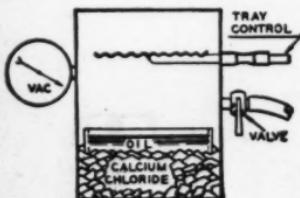
Sailor Two: "Wonderful. The light-
ing defects were perfect."

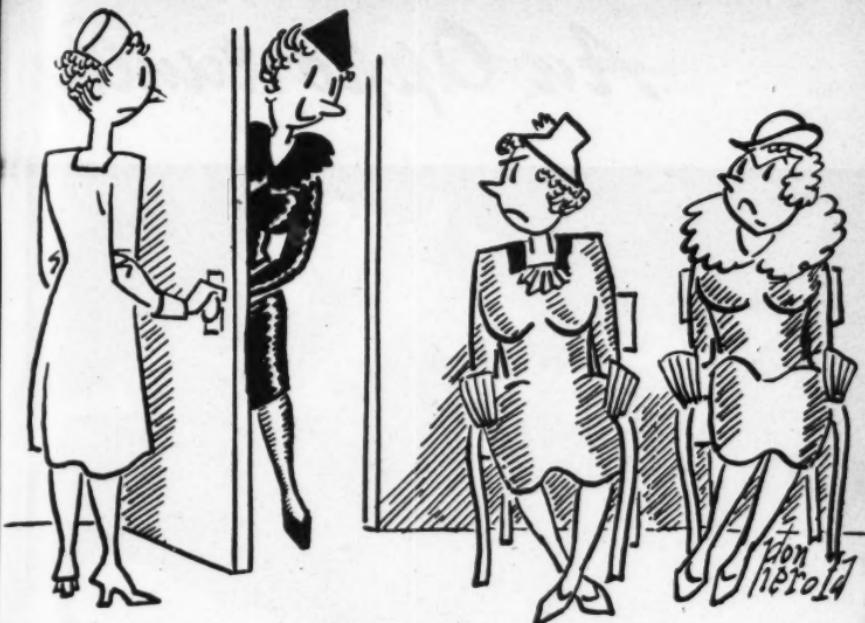
1946 SURPRISE

Hardening inlay, crown and bridge models at least twice as hard, allows lathe buffing, maintaining margins, lessens wax sticking, easier to trim.
BELL JAR is about 5" x 6 1/4" DEHYDRATING AND OIL TREATMENT requires one and one quarter hour. Equipped with vacuum gauge, cut-off valve, movable inside tray and Calcium Chloride. Full instructions supplied. Can be used from water aspirator or any hi-vacuum pump. Price F.O.B., \$10.00. Can furnish water aspirators for \$3.00 each. OVERNIGHT TREATMENT JAR one half as efficient as the BELL JAR. Priced at only \$1.50 each delivered. Guaranteed or money back. Literature by request.

Booth 209, Elevator Lobby—Chicago Meeting.

JORDAN PUMP CO., 3723 Main St., Kansas City 2, Mo.





"MY PET PATIENT" writes Dr. L. A. L., "is the neighborhood super-snooper. She even comes early for appointments, just to hear the waiting room gossip.

"But aside from running down rumors she's a good patient. When I told her that only one dentifrice contains sodium ricinoleate to peptize adherent mucin and make it more readily removable with a brush, she said,

"'Oh, that's Detoxol. It's the favorite with all the girls!'"



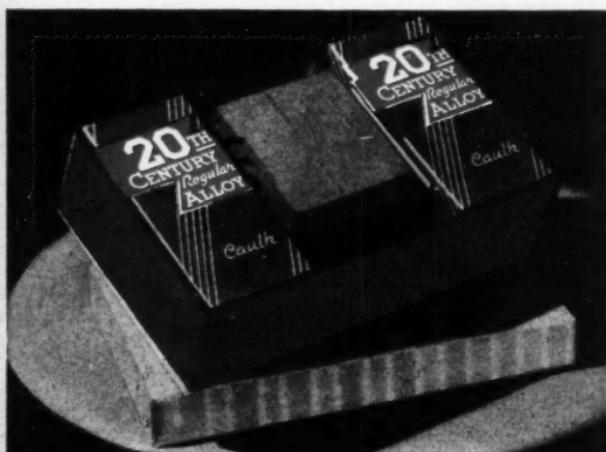
THE WM. S. MERRELL COMPANY, CINCINNATI, U. S. A.

An Opportunity



#11 PACKAGE IN FIVES

Contents: 10 Ounces in 5's | **\$19.00**
1 Trial Ounce | **\$19.00**



Contents:

10 Ounces in 5's **\$19.00**

1 Alloy-Mercury

Gage **\$6.00**

\$25.00

PRICE

\$23.30

COMPLETE

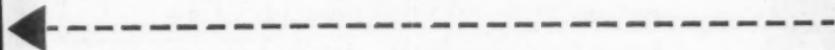
#10 PACKAGE IN FIVES

for you to try

20th CENTURY ALLOY

(In Regular or Special Fine Cut)

AT THESE EXCEPTIONAL SAVINGS



Those of your customers who have not been regular users of 20th Century Alloy may be very much interested in having you tell them about these special introductory offers. Over two generations of American dentists have been buying 20th Century Alloy with confidence and using it with success. They have proved to themselves that it is smooth yet plastic, carves like wax, amalgamates easily and quickly, has a hard, dense, strong structure, seals securely and has minimum shrinkage. Our laboratory comparative tests convince us that there is no finer alloy made.

Thrifty dentists use the Caulk Alloy-Mercury Gage. With it just one ounce is divided automatically into 80 spills of uniform quantity. If a customer of yours does not possess one, sell him the #10 Package in 5's.

FOR MODERN MATERIALS CALL ON

Caulk
MILFORD, DELAWARE

QUALITY SPECIFICATIONS MET BY

Proco-Sol

30,000,000 PROCO-SOL CARTRIDGES

Ordered by Armed Services

PROCO-SOL Procaine Solution 2% (with Epinephrine or Neo-Synephrin) not only measured up to the exacting standards of the Armed Services, but was also used in vast quantities throughout the war.

This record of acceptance and use is significant to any dentist seeking a safe local anesthetic which is produced under strict laboratory control according to the most aseptic conditions known to science.



CONSULT YOUR LOCAL DENTAL SUPPLY DEALER
on regular commercial quantities and
the special PROCO-SOL UTILITY KIT
or write direct for FREE SAMPLES



Proco-Sol

CHEMICAL CO., INC.

1233 Spring Garden Street • Philadelphia 23, Penna.



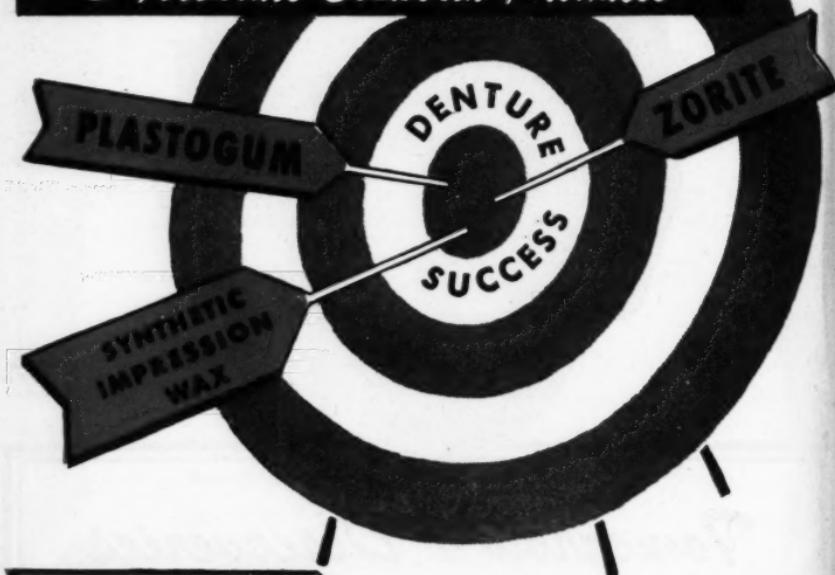
Tomorrow's Discoveries may mean that today's youngsters will never need false teeth!

BUT for the thousands of people who must wear dentures, Perma-Grip brings extra comfort . . . and that "feeling of security" that is half the battle in getting accustomed to a plate! Pro-phy-lac-tic Perma-Grip holds dentures firmly in place for hours. It's tasteless, odorless, pleasant and easy to use . . . a pure, snow white, alkaline powder that doesn't "ball up." You can safely recommend this superior dental plate adhesive to your patients, for it's made by the manufacturers of Pro-phy-lac-tic Tooth Brushes. Retails for 35¢ at all drug stores.

PERMA-GRIP Denture Powder
manufactured by
Pro-phy-lac-tic Brush Co., Florence, Mass.



for your preferred
CORRECTIVE WASH TECHNIC
3 Accurate Bosworth Products



Plastogum

for exact registration of the finest detail. Mixed with water, Plastogum has a putty-like consistency. The setting time is controlled to assure best possible results in muscle trimming. May be used with full compound and in full plaster technique; also in final impression with patient biting into centric occlusion. Highly recommended for Dr. McGrane procedure.

Zorite

— a bland resinous impression cement with many uses. Zorite is ideal for securing corrective wash. It is particularly excellent for the difficult lower and mucostatic impressions.

Synthetic Impression Wax

or baseplate trays as a corrective wash. Provides rounded, smooth and full functioning peripherals and post-dam without overtension. Accurately registers hard or soft areas. Has great flow under pressure and automatically relieves hard areas.

THRU YOUR DEALER

HARRY J. BOSWORTH COMPANY

1315 SOUTH MICHIGAN AVENUE • CHICAGO 5, ILLINOIS

It may be
painted on
compound



**SQUIBB
ANGLE
TOOTHBRUSH**

**THE BRUSH WITH THE MOUTH-MIRROR ANGLE
FOR TEETH THAT REFLECT BETTER CARE**

DESIGNED by a practicing dentist with scientific regard for morphologic variation in dental arches. Helps to clean surfaces of abnormally tilted teeth, to evacuate impacted material in interproximal spaces, and to remove detritus from cervical regions. The Squibb Angle Toothbrush is hygienic and highly adaptable to any brushing technique. Easily handled. Long-wearing bristles—hard or medium.

SQUIBB *A name you can trust*

*Controlled lip action,
without collapse of cup*



**PRECISION BUILT
DENTICATOR
ANGLE HANDPIECE
for exclusive use of**

**DENTICATOR
RIBBED POLISHER**

Cross section view reveals the four reinforcing ribs, which control lip action, without collapse of cup—an exclusive feature. Action picture above shows how lip does its work under the gum line.



Price \$6.50

Ask your dealer for special combination offers on Denticator Angle Handpiece with supply of polishers. Saves you money.

24-hour handpiece repair service

THE DENTICATOR CO.

1055 Mission St., San Francisco 1, Calif.

Manufacturers of
Propylactic Dental Specialties

**NOT JUST YEARS...
DECades of Service**



A high-quality dental x-ray apparatus is not something you install today and replace in a year or two. FISCHER dental x-ray units are FISCHER-built to deliver finest performance through decades of use. That is why they are universally approved. And proportionate with length of service goes high value as investment. Full information promptly on request.

H. G. FISCHER & CO.
2323-2345 Wabansia Avenue
Chicago 47, Illinois

CHANDLER RECORD SYSTEM

Special forms for
General Practice, Exodontia, Orthodontia, Periodontia, School, Hospital, Laboratory Design, Health Diagnosis, X-Ray Diagnosis.

Write for Samples
H. M. CHANDLER CO.
108 W. 42 St. New York 18, N. Y.



**WANT TO MAKE ANY
DENTAL FILM A
BITE-WING... it's easy
... it's economical**

Be sure... be certain your x-rays disclose all of the dental treatment needed. Use IMPROVED BITE-WING TABS... only \$1.00 a box of 100 at your dealer.

PITTSBURGH SPECIALTY CO.
524 Federal St., Pittsburgh 12, Pa.



the dental patient is particular . . .

Yes, frequently very particular. While he may tolerate for a time life's average aches and pains, he demands prompt, effective relief of pain resulting from surgery, extraction, or other dental work.

More and more dentists are discovering that the analgesic, antipyretic effect of 'ACETIDINE' Tablets promptly relieves the pain most often encountered by their patients.

'ACETIDINE' Tablets are a combination of aspirin and acetophenetidin, skillfully balanced by a small amount of caffeine which promotes diuresis and counteracts any depressant effect which may result from aspirin and acetophenetidin.

Each 5-grain tablet or capsule contains:

Aspirin (Acetylsalicylic acid) . . . 0.1770 Gm. (6 parts)
Acetophenetidin (Phenacetin) . . . 0.1176 Gm. (4 parts)
Caffeine 0.0294 Gm. (1 part)

'ACETIDINE' Tablets or Capsules, 5 grain, are supplied in bottles of 100 and 1,000. Also in boxes of 12's and 36's. Sharp & Dohme, Philadelphia 1, Pa.

'ACETIDINE' Tablets

SHARP
& DOHME

For better Dentures!

FREE

CURING
THERMOMETER

This Thermometer is Specially Designed for use in Curing Acrylic Dentures, and Other Acrylic Restorations.

Temperature Control

... NOW MADE EASY

The Accepted Modern Way of Curing Acrylic Dentures is by Slow, Accurate Curing at just the Right Temperature.

THIS DEVICE IS MORE ACCURATE THAN THE MOST COSTLY EQUIPMENT . . .

Steel Constructed
With Adjustable
Back Clamp

SIZE 11 1/2 x 1 3/4

VALUE \$3.50



For a limited time!

WILL BE INCLUDED FREE
WITH YOUR NEXT ORDER OF
CORALITE
REG. U. S. PAT. OFF.
DENTURE ACRYLIC



STILL DENTISTRY'S FAVORITE . . .

Preferred by most Dentists and Laboratories because of its Superb Quality, Color, and Performance . . . You can't buy a better or more dependable denture acrylic . . . you will agree it's the very best you've ever used.

ONE POUND PKGE. For 25 to 30 Dentures \$7.00

FIVE POUND PKGE. . . . \$30.00

Pink that is Natural and "Alive." Also in Optically Clear

CORALITE DENTAL PRODUCTS CO.

185 NORTH WABASH AVE.
CHICAGO 1, ILLINOIS



281

GREETINGS
TO ALL OUR FRIENDS
Visit us at **BOOTH 183**
81st Mid-Winter Meeting
Chicago Dental Society

BOILO MIRRORS *have been places!*

More and more, the demand for dental care is growing throughout the world.

Every dental dealer knows that the BOILO (reg. U. S. Pat. Off.) Mirror is the first choice of the Dentist—it is his THIRD EYE, the mirror most used to help him perform the delicate work his sensitive fingers must do and the only instrument he cannot do without.

BOILO DENTAL & SURGICAL MIRRORS are manufactured by skilled craftsmen with 37 years of factory experience, using the finest ground and polished optical lenses with other fine materials to assure perfect results through the natural handling of the BOILO MIRROR and to withstand constant sterilization.

Since 1907 ANZELL has been an unchallenged symbol of Integrity, Craftsmanship and Tradition. Today, as always, we aim to continue this policy and enjoy the same relationship amongst our many dealers as heretofore.

Your Dealer has BOILO Mirrors . . . NOW

ANZELL SPECIALTY MANUFACTURING CO., Inc.
45 FRONT STREET • ESTABLISHED 1907 • BROOKLYN 1, N. Y.

Fowler's Compounds

(TWO FORMULAS)

Number 1.

For the treatment of

NOVOCAIN DERMATITIS

Which is a very difficult condition to overcome. It takes time to produce it, due to gradual absorption and according to susceptibility to novocain. It also takes time to remedy and then prevent it. Directions must be conscientiously followed.

1 1/4 oz. net weight, \$1.50.

These compounds are made of the highest quality, U.S.P. constituents and were developed by Dr. Ernest Fowler (oral surgeon) after five years of clinical experimenting with professional assistance.

Until sufficient quantities are available and National distribution is obtained, this special introductory offer is made: one jar of No. 1 and two jars of No. 2 will be mailed postpaid and tax paid for \$2.00.

Ernest Fowler, D.M.D., Box 5343, Metro Station, Los Angeles 55, California

Number 2.

For the care of

ROUGH AND DRY HANDS

This formula is a delicately scented, emollient compound which also makes a splendid over night facial cream, as it is slowly absorbed. It should be used in conjunction with compound No. 1 by those afflicted with dermatitis. The two formulas work together.

1 1/4 oz. net weight, 50c.

THE WORLD'S BEST RUBBERIZED ABRASIVE WHEELS



Because the special abrasive and polishing ingredients are held together firmly and completely—long and satisfactory use is the result of perfect integration. A product of CRATEX research and "know-how". Send for literature and FREE samples.

At All Good Dealers

CRATEX
WHEELS AND POINTS

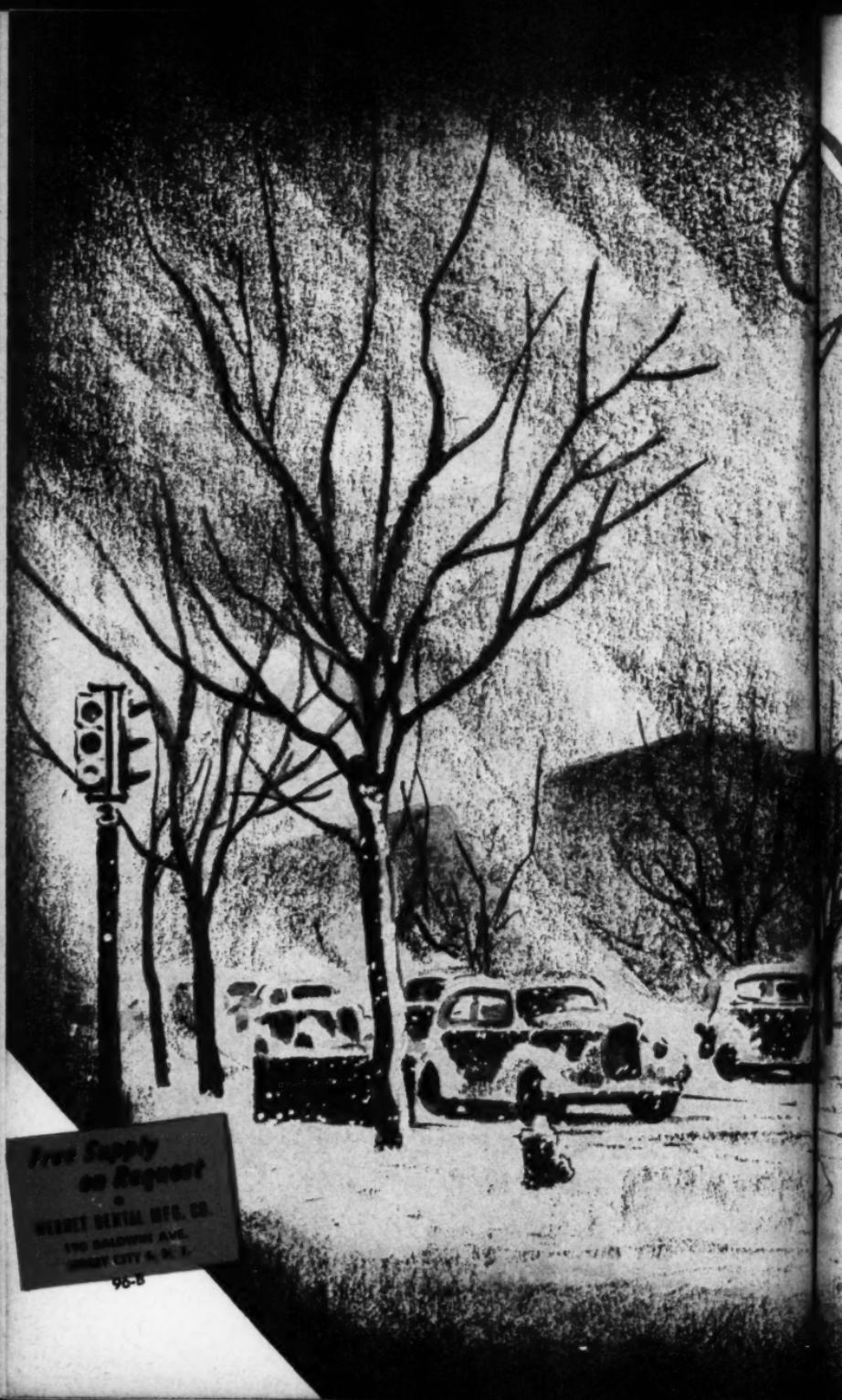
CRATEX MANUFACTURING CO.
91 NATOMA ST., SAN FRANCISCO 5, CALIF.

The ANALGESIC FOR HOME USE ...



THE Bayer Laboratories at Rensselaer, N. Y., have specialized in the production of Aspirin for over forty-seven years. Only the finest and purest ingredients are used in its manufacture. Every batch made is subjected to complete and rigid scientific controls. Seventy different tests and inspections have been developed to insure the quality, purity and uniformity of the finished product.

BAYER ASPIRIN



Free Supply
on Request
WEISSEY DENTAL MFG. CO.
170 BALDWIN AVE.
NEW YORK CITY N. Y. 100-3

Improved Adhesion

To prevent skidding of cars, sand or ashes are often sprinkled on icy winter streets. The physicist calls this improved adhesion between rubber and ice molecules. • WERNET'S POWDER accomplishes exactly this, when sprinkled lightly on dental plates. By providing a mucilaginous binder it prevents skidding of the dentures on the smooth gums, under the awkward manipulation of the new denture patient.

WERNET'S POWDER INSURES DENTURE STABILITY AND RETENTION





Hu-Friedy's ORAL SUN LIGHT

This Hu-Friedy light has been designed to give long service at little expense. It is very sturdily constructed, requires no servicing, uses a minimum of current.

The adjustable condensed-focus concentrates the low-candle-power light to brilliant intensity. Mechanical construction permits perfect ventilation to carry off generated heat.

Furnished with cushion-padded head-band in either soft leather or stiff fibre, 10 feet of rubber covered wire cord vulcanized to a sturdy wall-plug, and transformer for alternating current of rheostat for direct current. The price is \$25.00.

When ordering please tell whether for D.C. or A.C. current.

Price subject to change without notice.

The Hu-Friedy Mfg. Company
3118 N. Rockwell St. Chicago, Ill.

BURS

Completely RE-GROUNDED



We guarantee your burs give same service as new, therefore we

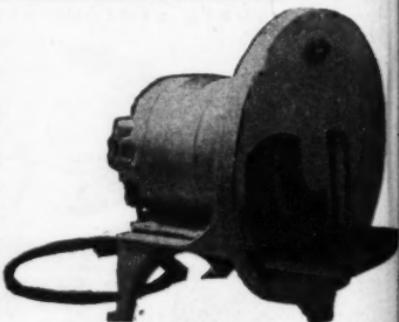
sort and select only those that can be reground to meet our exacting specifications, then we regrind to a smaller size (Example No. 33½ Inverted cone reduced to No. 33). The same system is used on your burs as we used in regrounding burs for the U. S. Navy. So for smooth, fast cutting burs, Mail your today. \$3.50 Per Gross (Introductory 4 doz. \$1.00).

HANDPIECES RE-BUILT

If you want a new handpiece at a fraction of the original cost send those old wobbly ones to us. We will remove all old parts, and start in with the empty housing, and rebuild it completely, all new parts lapped in just like we did for the U. S. Army. We unconditionally guarantee them to give new handpiece service. Straight handpieces \$9.00. Angles \$3.85.

MULLEN BROS.

153 West 69th St.
Chicago 21, Ill.



SWIFT AND ACCURATE

The Precision Model Trimmer saves time and effort in trimming all stone or plaster models (whether wet, dry, green, or cured.)

There is no danger of chipping or breaking. Trimming is against a solid carborundum wheel. There is nothing to adjust, set, clean, or lubricate. There are no moving parts to work out of alignment.

If your dealer can't supply you, write direct. Descriptive literature available.

KENNETH MILLS
4250 Gardenia Ave. Long Beach 7, Calif.

AMERICA

In Our Early Days



"Church & Dwight" has had nearly a century of experience in the Sodium Bicarbonate business. Our founders first associated in 1846—100 years ago.

Then our United States was in its 70th year, as yet one of the world's smaller nations. Our frontiers were just beginning to break westward of the Mississippi, the center of population was at Parkersburg, West Virginia. Alaska was still Russian territory; the Dominion of Canada not yet formed; the Suez Canal still but a dream.

Talk of the day was of such things as "Fifty Four Forty or Fight", of P. T. Barnum's American Museum in New York, of the American debut of Jennie Lind, the Swedish nightingale, of McCormick's reaper, the admission of Texas into the Union, and of the first trans-Atlantic steamship sailing.

Those significant events and those familiar names mark the beginning of our long experience with Sodium Bicarbonate (Baking Soda) a product much used in dentistry.

The dental profession knows our two brands, Arm & Hammer and Cow Brand, well. Both are good tooth cleansers, acceptable to the Council on Dental Therapeutics of the American Dental Association. Used as a cleansing gargle or mouth wash, in 2% solution, they aid in the removal of accumulated mucus and debris from the mouth and teeth. They are helpful in the laboratory to clean and protect costly instruments and equipment. One or the other of these two familiar brands is available everywhere at low cost.

**Business Established
in 1846**

CHURCH & DWIGHT CO., Inc.
10 Cedar Street New York 5, N.Y.



A USEFUL MATERIAL *Vastly Improved*

● By certain changes in formulation developed in Kerr Research and introduced in production several months ago, three noteworthy improvements have been made in the working qualities of that long popular material Kerr Impression Paste.

These improvements give this paste easier mixing, slower setting and more ready flow.

Your assistant can mix this new paste while you prepare your patient. You have more time to spend on your impression. And your impression will accommodate, without over-compression, the softest mouth tissue.

For completing impressions quickly, easily and precisely we recommend this unique material absolutely without reservation.

KERR DENTAL MFG. CO. Established 1891 Detroit 8, Mich.

KERR

Impression Paste

The McKean Master Separator and Matrix Retainer—2 Tools in 1!

Accomplishes both separation and accurate retention of matrix



This simple device has many other convenient uses

Set includes two adult retainers and one deciduous retainer; a supply of Stim-U-Dents for wedges, and 8 feet of soft Tru-Chrome matrix material.

Order thru your local supply house. Complete set, \$4.50. Set \$3.30 without matrix material. 8 ft. of Tru-Chrome matrix material, \$1.40.

Rocky Mountain Metal Products Co.

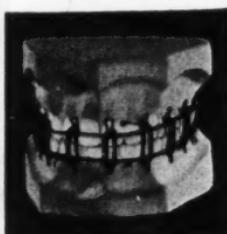
1450 Galapago St. Box 1887, Denver 1, Colo.

Pacific Coast Distributor:

Carl A. Kreis, Flood Bldg., San Francisco, Cal.



Stainless FRACTURE SPLINT



The Bendick is a ready-made fracture splint for the stabilization of fractures of the mandible. Loops of stainless ligature wire are fixed to selected teeth and with the aid of elastic bands the jaws are immobilized and

approximated as necessary. An inexpensive method for the more simple fractures, the Bendick Stainless is priced at \$5.00, through your dealer.

The Bendick Quality Line includes a wide variety of chrome nickel alloy bars and clasps for partials and removable bridges. Send for your Reference Sheet.

BENDICK COMPANY

160 Elsie Bldg.

Lapeer, Mich.

COTTON ROLLS

These improved cotton rolls are a delight to the efficient dentist and are not harsh to the patient's mouth. They are actually spun from 100% pure surgical absorbent cotton to make them softer, more pliant and non-collapsible. They adapt easily into any position, are stretchable and small tufts are quickly detachable.

DENTAL ABSORBENTS CO.

Palms Station
Hollywood, California

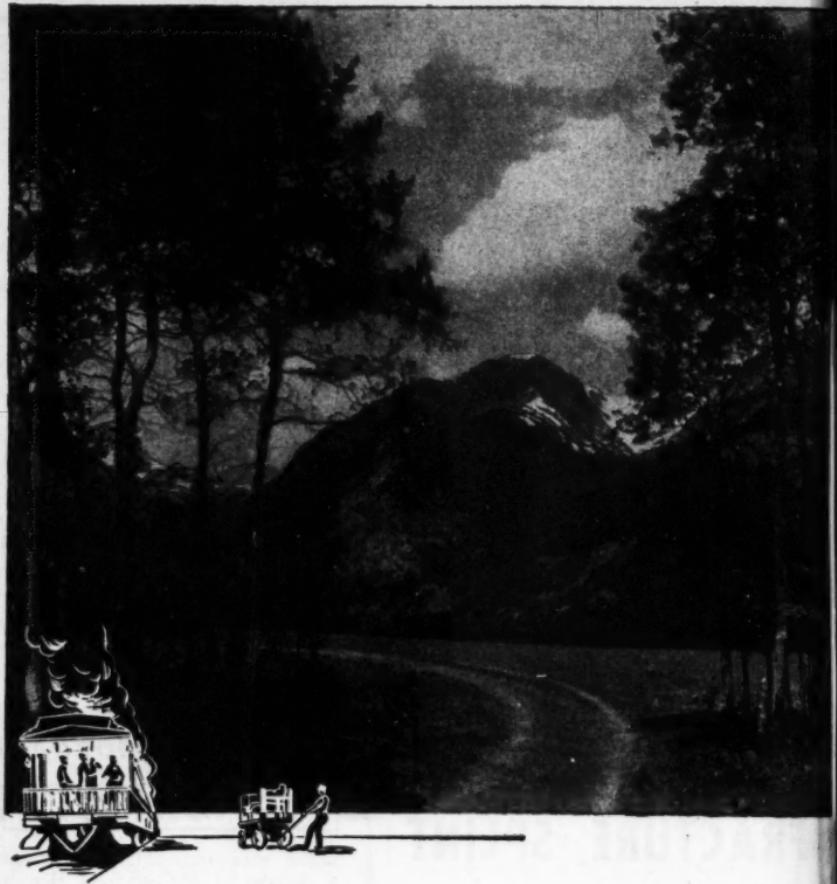
Gentlemen -

Please send me a free, generous sample of "SUPER ABSORBENT" ROLLS.

DR.

STREET

CITY and STATE



at home, in your own country

To those of you who left your homes to serve your country we extend a warm and friendly welcome, a happy welcome home. The extraordinary service the dental profession gave in the war can't be told here. Here we want to say how glad we are to have you back again, away from the heavy change of war; back into your proper sphere, back again into your peace-time practice, back to a long, peaceful, happy service in the nation's health.

Back again at home, in your own country.

GENERAL  ELECTRIC X-RAY CORPORATION

DEPENDABLE SETTING TIME

COE-LOID POWDER is accurate, closely regulated, proved by every test in profession-wide use. Mix according to directions. Hold in mouth 5 minutes for perfect set. Makes smooth, hard models. Insist on COE-LOID POWDER from your dealer.



Buy it by the box
12 Individual Units

COE-LOID POWDER

A Product of

COE LABORATORIES, INC.

6033 Wentworth Avenue • Chicago 21, Illinois

EVERY DRUGGIST

now has
Craig-
Martin

TOOTH PASTE

—or can get
it through
his jobber

Bears the Seal of
Acceptance of the
Council on Dental
Therapeutics of
the American
Dental Association.

You can suggest
this economical, ef-
ficient tooth paste
to your patients,
knowing that it is
now available or
can be readily sup-
plied by any drug-
gist you name.

10c Large
Size
25c Giant
Size
LARGE
10c TUBE

shown
actual
size

Comfort Mfg. Co.

500 S. Throop St., Chicago 7, Ill. OH-2

Send samples of Craig-Martin Tooth Paste to:
(Professional card enclosed)

Dr.

St. & No.

City. State.

Druggist's Name.
(Please print plainly)



GEARED...
to the Needs
of MODERN
DENTISTRY...



SILV-O-DENT

OXY-EUGENOL SILVER

Silv-O-Dent has led the field for
25 years because of its superior
Pulp Protecting qualities.
sets quickly . . . sets hard!
A firm, perfect germicide, safe
for any filling, prevents secondary
decay.

Send for Free Technique Book

THE SILV-O-DENT COMPANY

41 E. Alberta St., Portland 11, Oregon

HAVE BEEN SOLD AND USED

When patients ask...

**"WHAT ADHESIVE SHALL
I USE, DOCTOR?"**

...you can reply with confidence:

**"I SUGGEST USING
DENTLOCK"**

Here are 5 reasons why

... and when they
ask about keeping
dentures CLEAN, you
can safely reply:

"DENTGLO"

This well known BRUSHLESS cleanser
cleans by immersion, helps
protect denture seal, eliminates
the dangers of abrasive brushing.
Helps keep dentures clean, sanitary.

1. Dentlock holds plates firmly, yet gently.
2. Dentlock cushions sensitive gum ridges.
3. Dentlock lessens irritation; helps soothe inflamed tissues.
4. Dentlock is economical, long-lasting.
5. Dentlock is pleasant to use; odor-free.

Fort Orange Chemical Co.
Albany 5, N. Y.



GET THE DENTICATOR Ribbed POLISHER

FOR CONTROLLED LIP-ACTION

"Controlled" lip-action, under free margin of gums, without injury.



Snaps on protective mandrel. Saves your regulation handpiece from wear.



Patented heavy rib construction prevents collapse of cup, so that lip works effectively under the free margin of gums, without injury. (See Cut.) Only the Denticator Polisher gives you this exclusive feature. Order an economical package from your dealer, today. You'll experience a new thrill in cleaning and polishing teeth—quickly, safely, efficiently.

START TODAY—THE DENTICATOR WAY

Write us direct for free sample unit; cup and mandrel.

THE DENTICATOR CO., 1055 MISSION ST., SAN FRANCISCO 1

Manufacturers of Prophylactic Dental Specialties

Speed Up Your Work with CO-ORAL-ITE!



Made for speedy, efficient and effective performance CO-ORAL-ITE has become a favorite for fast, accurate impression work. Ask your dealer, or the other successful dentists in your community—if you are not a user—try this grand "impression maker" now!

CO-ORAL-ITE DENTAL MFG. CO.
Makers of Superior Dental Products Since 1919
SANTA MONICA, CALIF.



SURFACE ANESTHETIC

NUM has everything it takes—

- Powerful anesthetic action.
- Non-narcotic.
- Non-toxic.
- Non-irritating.
- Non-acid.
- Pleasant smelling.
- Tasteless.
- Non-evaporating.
- Non-corroding.

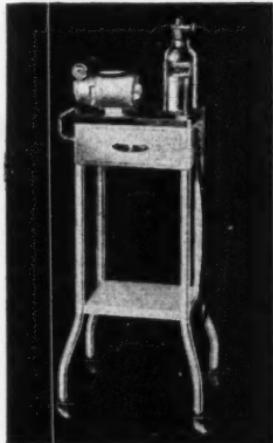
In the Silver and Black Box
Order from Your Dental Depot

NUM SPECIALTY CO.
4614 Fifth Avenue Pittsburgh, Pa.



Veterans, too

...these **GOMCO**
Electric
ASPIRATORS



MODEL 790



MODEL 789

Gomco Aspirators served ably with the Dental Officers of the Armed Forces on many fronts and on many seas. Today, Gomco Aspirators are available for *your* practice.

Gomco Aspirators provide dependable, controlled suction for the removal of blood, pus, saliva, mucous and bone fragments—thereby eliminating sponging and minimizing damage to delicate tissues. Especially indicated where gas anesthesia is used to prevent inhaling of foreign material into the lungs...adaptable to all oral drainage. Available in two models (as illustrated), Stand-Mounted and Portable—each attractively designed, expertly built for years of service. Simple to operate. Ask your dealer or write:

**GOMCO SURGICAL
MANUFACTURING CORP.**

822D E. FERRY

BUFFALO 11, N. Y.

GOMCO *Electric*
ASPIRATORS

ONLY THE *Castle*
STERILIZER
*Has this Special
Boiler!*



THE Castle Sterilizer is the *only* sterilizer with the boiler interior completely coated with block (virgin) tin. Its smooth, easy-to-clean surface withstands the corrosive action of boiling water and steam . . . prevents the chemical action that dulls and stains the instruments.

This heavy, "Cast-In-Bronze" Boiler, guaranteed for a lifetime against *any* defect, is just one of the many exclusive features that make the Castle Sterilizer the most economical buy for the dentist today. For full details, write: Wilmot Castle Co., 1101 University Ave., Rochester 7, N.Y.



Castle

**LIGHTS AND
STERILIZERS**



WHEN CHICKENS' WINGS CEASED TO FUNCTION AS NATURE INTENDED,

structural integrity became impaired—and the birds were at the mercy of predatory killers.

• Man's masticatory apparatus also must perform adequately, lest disuse atrophy expose the soft tissues of the oral cavity to disease (as a result of lowered gingival tone). • Many dentists find that the daily use of a non-nutritive bolus, of specially firm resistance, acts as an effective supplement to the inadequate masticatory exertion so frequently evoked under today's highly refined dietary. • Dentyne Gum is recommended as a gentle masticatory of adequate resilience for satisfactory gingival massage.



Dentyne CHEWING GUM
THE IDEAL MASTICATORY

USE
LAVORIS

**Keep The Mouth
And Throat Clean**

Give Lavoris a trial and note the result



Installed complete

BRAND NEW HEADS

Enjoy new Angle efficiency! Renew worn Angles, similar, with new heads. Rest of CA Rebuilt!

MAIL WORN ANGLES TO-DAY!!

February Special—One \$7.95 Hugh Contra-Angle PLUS 16 oz. Hugh Handpiece Cleansing Oil (Reg. \$4.50). Both only \$7.95.

Hugh Dental Sup., Box 1394, Beverly Hills, Calif.



Installed complete

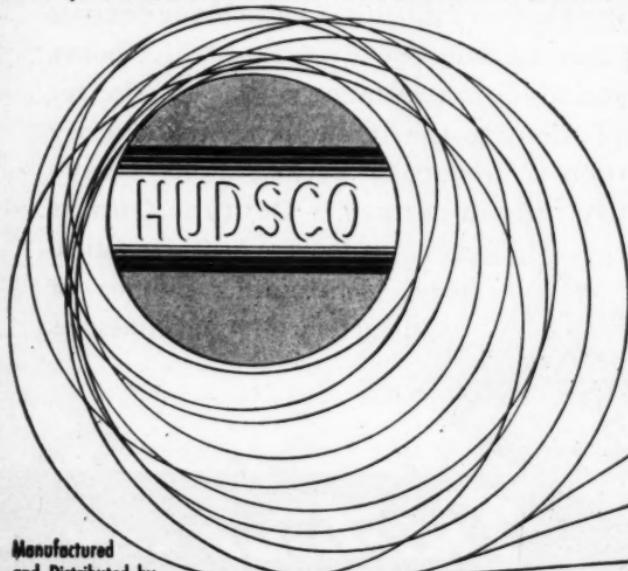


DUPLEX SHEETS

A specially processed paper with excellent marking qualities for spot grinding. Coated with blue wax substance to register clear impressions on wet or dry surfaces. White ends for handling prevents smudging fingers. Each book contains 12 Duplex Strips, enough for 288 impressions or more. 12 Books in neat cellophane wrapped package for \$1.00. Order from your dealer or sent direct.

CHED LABORATORIES
29 East Madison Street, CHICAGO 22, ILL.

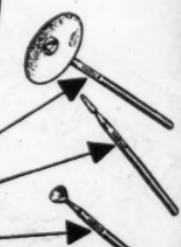
Every HUDSCO Diamond Instrument is plainly marked HUDSCO



Manufactured
and Distributed by

HUSBAND DENTAL SUPPLY CO., P O Box 47-616 Clybourne Ave., Burbank, California

PLEASE VISIT OUR BOOTH NO. 54 AT THE CHICAGO MID-WINTER CLINIC, FEB. 11-14



*A small thing
to look for...
a big thing
to find!*

HUDSCO
Diamond
INSTRUMENTS

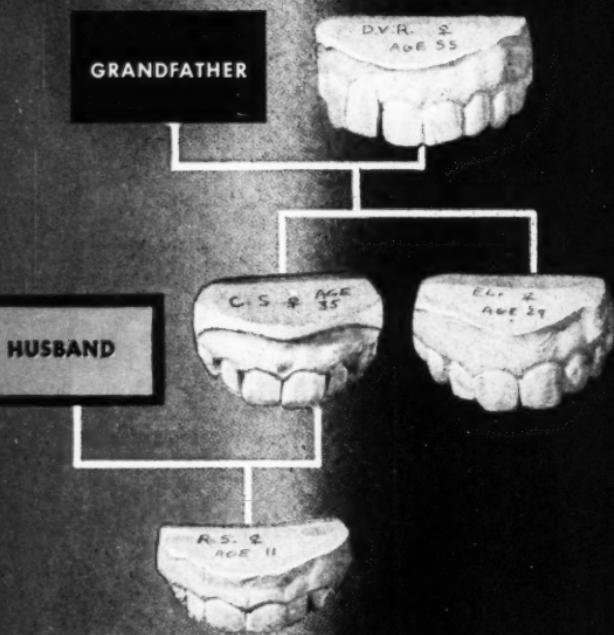
Revelation
Tooth Powder is
known to dentists
everywhere as a
powder of merit



AUGUST E. DRUCKER CO.
2226 BUSH STREET, SAN FRANCISCO

AGAIN IN ALL METAL CANS
Original Flavor Retained

RESEARCH
ILLU
HAS SHOWN
CONCLUSIVE
THAT THE
"FAMILY"
SIMILARITY
OF TEETH
PERSISTS
THROUGH
GENERATION
AND
IS GOVERNED
BY THE
LAWS
OF
HEREDITY



The "Family tree"
as a guide
in tooth selection...

UNIVERSAL DENTAL COMPANY • 48th at BROWN ST.

The "Family-tree" of labial characteristics illustrated on the opposite page is a random example of inherited similarity of labial contour and arrangement of teeth through three generations of the same family.

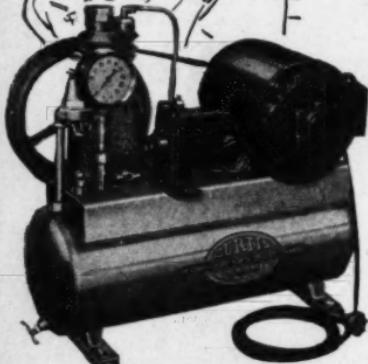
With no pattern record available, proper tooth selection for edentulous cases always posed a real problem for the dentist. Now, thanks to research, we learn the dentition of a brother, sister, child or grandchild provides available scientific guidance for the pattern of probable characteristics and alignment of teeth for such a patient.

How do Five-Phase Anteriors help to facilitate such a procedure? Instead of the usual "fixed patterns" Five-Phase Anteriors provide: 1. Varied labial surfaces characteristic of natural teeth. 2. Co-acting proximal contacts—for easiest set-up and transposition of laterals. 3. Veri-chrome Colors—following nature's plan of controlled brilliance PLUS simplified color matching. 4. Superior porcelain—simulating natural tooth structure in depth, refraction, translucency! 5. Scientific sizing—for easier selection.

In short, Five-Phase Anteriors reproduce the lifelike variations of natural teeth . . . providing the only means by which all the natural characteristics of the patients' teeth may be reproduced in the artificial denture.



FIVE-PHASE ANTERIORS



Curtis AIR COMPRESSORS

Operate Quietly, Efficiently, at Low Cost

Especially designed for the modern dentist, Curtis Air Compressors operate quietly and provide clean air at all times. Occupy small space; automatic starting and stopping; self-oiling, requiring a minimum of attention. Lubricant is odorless, colorless and tasteless.

Curtis Air Compressors save you time, energy and money. They're precision built in every detail and are backed by Curtis' 91 years of successful manufacturing experience. Write for Bulletin C-18.

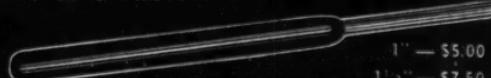
CURTIS PNEUMATIC MACHINERY DIV. of Curtis Manufacturing Co.

1933 Kienlen Avenue, St. Louis 20, Missouri

L-487

NOW Visible - X-RAY PICTURES in a JIFFY!

Place reflector in the mouth, adjust your X-Ray and there's your picture on the Reflector. Sterilize in cold sterilization.



1" — \$5.00
1 1/2" — \$7.50
2" — \$10.00

UNION BROACH CO., INC. 37 West 20th St., New York 11, N. Y.

SOLID BRONZE SIGNS parcel post prepaid

These are cast, solid bronze signs, drilled with screws.

DR. M. WHITELEY

3" x 12" — \$6.50 3" x 14" — \$7.60
3" x 16" — \$8.70

Add \$1 for each additional line
Check must accompany order. Ask for prices of other sizes.

LAUER METAL SHOP
1108 Cathedral St. Baltimore 1, Md.

ARE YOU BREAKING the LAWS?

or Are the Laws Going to Break You?

Let us help you be sure these things don't happen in your business.

Efficient, accurate and confidential BOOKKEEPING and TAX SERVICE for

SMALL BUSINESSES
as low as \$2 per week

Call or write for bulletin C-03, "Declaration of Estimate Tax for 1946" for the small business man. No obligation. Ask for address of Service office nearest you.

NATIONAL BOOKKEEPING SERVICE
912 Porter Bldg. Kansas City, Mo.

No acceleration needed . . .



French's
DENTAL PLASTER

The initial set of French's "Regular Dental" Plaster is 2 to 3 minutes. Final set is 8 to 10 minutes. And you can depend on that setting time EVERY TIME. Accelerators are never necessary and should not be used. The time- and temper-saving qualities of this perfect plaster are recognized throughout the world.

French's "Regular Dental" Plaster is made of specially selected gypsum, calcined for extreme hardness. It is smooth, uniform, free from lumps and bubbles. Use "French's" regularly for faster, better work without costly makeovers.

SAMUEL H. FRENCH & COMPANY

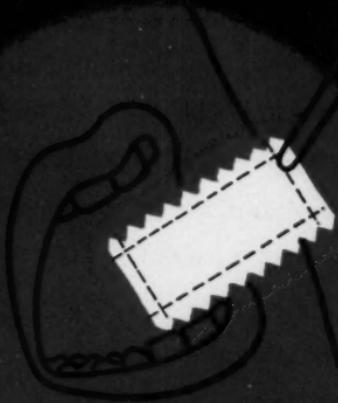
Plaster Manufacturers Since 1844

475-477 YORK AVENUE • PHILADELPHIA 23, PENNA.

Local RELIEF for

Local PAIN

THROUGH LOCAL
COUNTERIRRITATION...



Without systemic involvement

POLORIS

CAPSICUM - BENZOCAINE
DENTAL COUNTERIRRITANT

POLORIS
POULTICE



Ischemia—retarded capillary action arising from vasoconstriction

Normal capillary action

Apply POLORIS buccally and as closely as possible to painful or congested area.

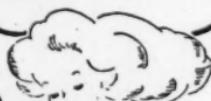
for example:

POST-EXTRACTION PAIN

Pain after routine extractions frequently arises from ischemia, after-effects of local anesthesia, or low tissue resistance. Stimulation of capillary activity with **POLORIS** Capsicum-Benzocaine Dental Counterirritant will help to bring about a return of normal circulation, with concurrent control of local pain and soreness, and without the necessity of using systemic drugs. A professional supply of **POLORIS** will be sent on request. Write to

POLORIS COMPANY, INC., 12 HIGH ST., JERSEY CITY 6, N. J.

Instantly Freshen
Air in Dental
Suites with



INSTANT
Sweet-Aire*

THE ORIGINAL AIR DEODORANT

To clear away unpleasant odors patients notice, atomize occasionally with Instant Sweet-Aire. Neutralizes odors from laboratory work, strong medicaments, smoking, stale air, perfume, etc. Leaves air fragrant . . . fresh, agreeably pine-scented. Quickly effective over a wide area. Spray on rugs, draperies, clothing, upholstery. Does not water-spot. Years of home use have proved Sweet-Aire's effectiveness.



Order through your dental dealer.

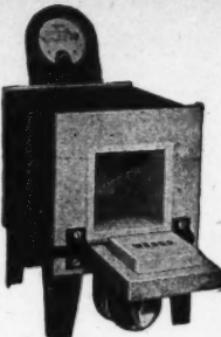
8-oz. bottle \$1.00
Atomizer Extra
For refills:
16-oz. bottle \$1.75

*Reg. U. S. Pat. Off.

Made by Miller Protecto Products Co.
Kalamazoo 41, Michigan
Exclusive Dental Distributor

THE WILLIAM GETZ COMPANY
175 N. MICHIGAN AVE. CHICAGO

WESGO
INLAY
FURNACE



Designed and built to a quality rather than price standard, this sturdy inlay furnace has many features usually found only in large industrial type furnaces.

For complete details see your dealer or write

Western Gold and Platinum Works
589 Bryant St.
San Francisco 7, Calif.

GENUINE
BRONZE
SIGNS and
TABLETS

DR. ROBERT HARDING
DENTIST NOT
EXPENSIVE

Made of Solid Bronze; beautiful, bright, raised letters on a rich, oxidized, "chocolate" color background. Requires no attention; cannot break, fade or be mutilated; lasts forever. The sign that is in keeping with the dignity of the profession. Give size and wording for SPECIAL LOW PRICE.

UNITED STATES BRONZE SIGN CO., Inc.
570 Broadway, New York 12, N. Y.



Get a Free BS Polisher without obligation

In order to introduce you to the efficiency, smoothness, coolness and comfort of this soft, flexible rubber polisher, we will send you one absolutely free—without obligation. Use the coupon below.

Young Dental Mfg. Co., St. Louis 8, Mo.
Gentlemen:

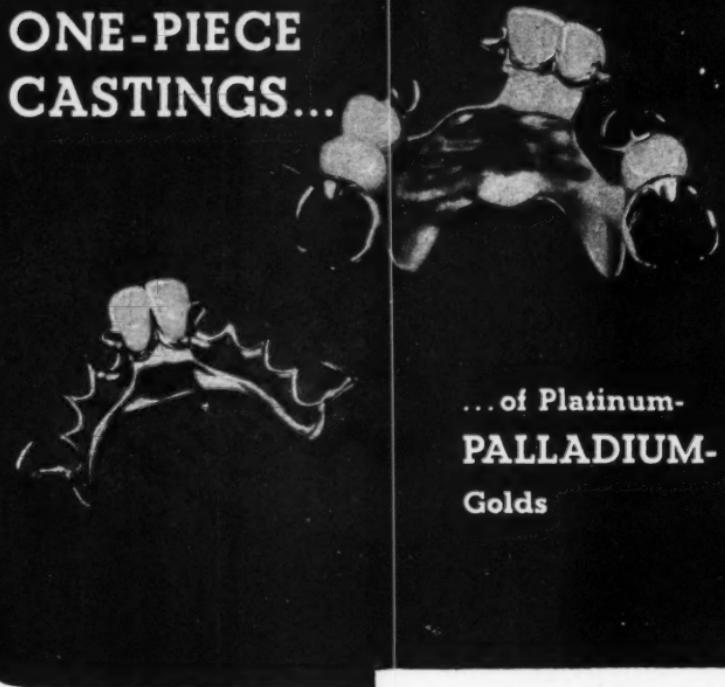
Without any obligation send us one of your B S POLISHERS — ABSOLUTELY FREE.

NAME

ADDRESS

CITY STATE

ONE-PIECE CASTINGS...



...of **Platinum-
PALLADIUM-
Golds**

Platinum palladium casting
golds flow freely
into sound, well-fitting,
one-piece castings

An informative 40-page
booklet, "*Platinum-
Palladium-Golds in
Dentistry*," will be mailed
upon request.

ADVANTAGES of using Platinum-PALLADIUM-Golds

1. Increased strength combined with appropriate resiliency.
2. Adequate hardness for resistance to wear.
3. Security in soldering operations.
4. Ease in hardening and softening operations.
5. Resistance to discoloration.
6. Rapid transmission of heat and cold sensations (most important in full upper plates).

Platinum Metals Section

THE INTERNATIONAL NICKEL COMPANY, INC. 67 Wall Street, New York 5, N.Y.

When just a little

**IN GASOLINE
IT'S TETRAETHYL LEAD**

Remember the new life and added get-up-and-go you noticed in your auto recently when adequately "leaded gas" came back from war? Incredible as it seems, that vast improvement in performance and operating efficiency was caused by the addition of a few c.c.'s of Tetraethyl Lead to a gallon of standard gasoline! Yes . . . just a little made that big difference!



Perfesine, Novocain, Cobefrin Reg. Trademarks
Winthrop Chemical Company, Inc.

It makes a big difference



Yes, in Dentistry, too, there is a striking example of just a little making a big difference . . . as witness the deeper, more enduring character of anesthesia that came about in 1940 when science added an infinitesimal amount* of Pontocaine to a standard 2% Novocain solution.

No increase in either Novocain concentration or vasoconstrictor content was necessary. That minute amount* of Pontocaine made the difference . . . an outstanding and truly trustworthy difference! Dentistry was at last provided with a solution specifically designed for those operative cases where conventional 2% solutions proved inadequate.

*Only fifteen one hundredths (0.15) of one per cent.

NOVOCAIN-PONTOCAINE-COBEFRIN

COOK-WAITE
Laboratories, Inc.

170 Varick Street, New York 13, N.Y.
Laboratories: Wheeling, W. Va. & Springville, N.Y.



Sanette SAVES STEPS!

Twenty years specialized experience have combined to bring you this Dental Sanette Waste Receiver. You will like its convenient working height, specially designed waste catching cover and the floor protecting rubber feet.

Your patients will notice its beauty of design. Fitted with disposable Sanette Waxed Bags.

Ask your dealer for Model T-30, 25" high, 9" square or write:

MASTER METAL PRODUCTS, Inc.
291 Chicago St.
Buffalo 4, N. Y.



Columbia Rubber MODEL FORMERS

*Make Neat Bases on
Your Study Models*

JUST pour plaster or stone into Model Former, mount anatomical cast and let set. The soft flexible rubber permits easy removal of model, which comes out with a perfectly smooth, symmetrical and finished base. And it takes less time to make than hand-formed bases.

Upper and lower models made in these formers occlude automatically!

Price per set, 1 Upper & 1 Lower, \$3.00

Make study models regularly. Study models show patients their mouths as you see them. You need them as you do X-Ray.

COLUMBIA DENTOFORM CORPORATION
131 East 23rd Street, New York 10, N.Y.

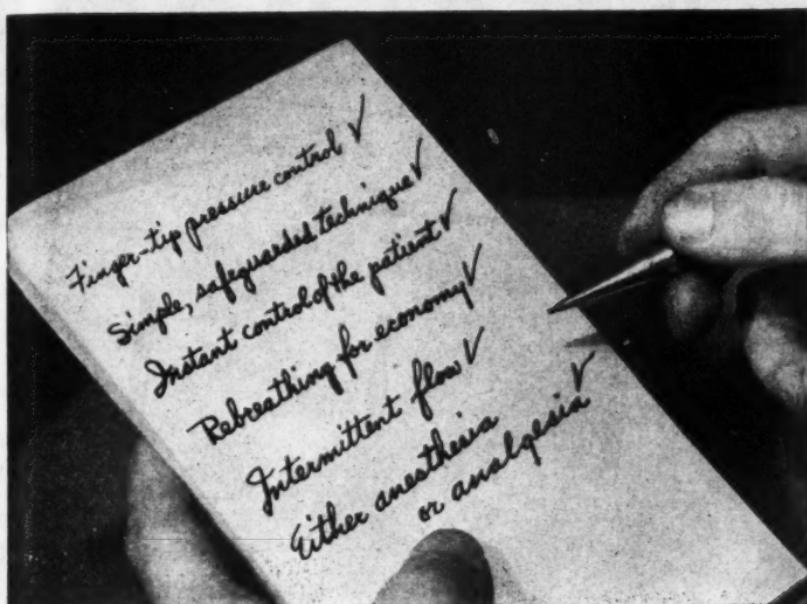
Send for our 16-pg. Illustrated Price List



- MADE OF BEST GUTTA PERCHA
- IS NOT MEDICATED
- WILL NOT IRRITATE TISSUE
- LEAVES NO TASTE IN MOUTH

Crescent DENTAL MFG. CO.

1839 S. Pulaski Rd., Chicago 23, Ill.



"Here are some of my reasons for choosing the Nargraf"

"I wanted a machine that would produce anesthesia with maximum promptness and ease to my patient. I wanted the utmost in simple technique coordinated with every possible safeguard for efficiency. I wanted instant control of dosage during induction and, naturally, I was interested in the greatest possible economy in gas consumption."

The Nargraf is designed to give the dentist what he wants for greatest efficiency in the administration of nitrous oxide anesthesia. The knowledge acquired in over thirty-five years close study of the operator's problems is built into the machine. The Nargraf has advantages not available in any other gas equipment. We shall be glad to tell you in detail what these advantages are. We urge you to talk to Nargraf users. Know the Nargraf and the Nargraf will be your choice of a gas machine.

NARGRAF



EUTHESOR

EASOR

AMALGAM

AMALGAM PREPARATIONS
made easier with

MIZZY DIA-TOOL DIAMOND INSTRUMENTS



No. 107



No. 123

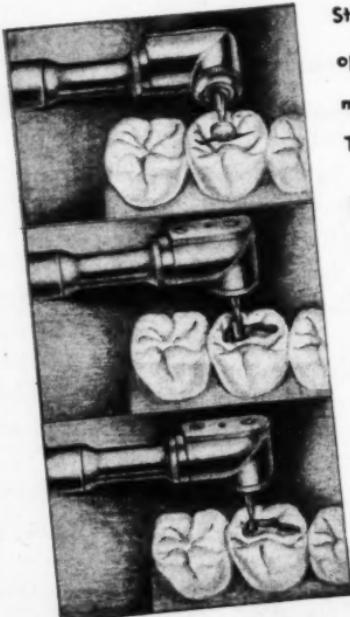


No. 121

Start the preparation by opening up the fissures mesiodistally with Dia-Tool No. 107.

Follow with Dia-Tool No. 123 and extend the fissures buccally and lingually to sound and smooth surfaces.

Dia-Tool No. 121 then should be used to produce a slight undercut and retentive side walls.



Use MIZZY
DIAMOND CLEANER FOR All DIAMOND INSTRUMENTS

PREPARATIONS

made

EASIER

with

MIZZY
DIA-TOOL
DIAMOND INSTRUMENTS

MIZZY DIA-TOOL DIAMOND INSTRUMENTS makes basic preparations easier for the dentist . . . saves time — greater operating speed . . . saves effort — increased accuracy — economy in long life of instruments.

Write today for your copy of

"THE CARE AND USE OF MIZZY DIA-TOOL DIAMOND INSTRUMENTS".

No. 1 of a Series "Preparations Made Easier"

MIZZY, INC. NEW YORK

DIAMOND R INSTRUMENTS

TRADE MARK



PLAINLY
MARKED

Doctor, if you are a progressive member of the profession, enthusiastic about diamond instruments and eager for new techniques involving their use, write Diamond "R" Agencies.

We have a plan whereby you have a complete complement of diamond instruments at your disposal. Every desired shape in a clear Lucite case at your fingertips. You have either new or perfectly operating tools in your handpiece at all times. Use diamonds like burs. Nominal cost from year to year, based on usage. Write for details.

Special Consideration To Dentists Returning From Service.

DIAMOND R AGENCIES - Box 311 - Pasadena, Calif.

TRIBORO PRESS

713 EAST 133rd STREET MOTTHAVEN 8-5681

NEW YORK 54, N. Y.

SPECIALIZING

Professional Stationery

BLANKS - LETTERHEADS

ENVELOPES - CARDS

OFFICE FORMS

Quick Service Plus Quality

Send For Our Price List



AKME PRECISION BURS

ACCURATE - TOUGH - SHARP - GIVE EXTRA LONG LIFE

MADE IN CANADA BY

THE AKME-STEEL

DENTAL MANUFACTURING CO.

HAMILTON ONTARIO CANADA



Sparkling Smart
STREET-FROCK STYLING
in a new
**HOOVER
UNIFORM**

Charm, smartness and originality feature this very youthful princess style Hoover Uniform. Clever pointed set-on belt gives that slimming "nipped-in" waistline effect. Stunning notched convertible collar, squared shoulders, snow-white buttons and two pockets on the flared skirt. White Sunningdale broadcloth in coat style. Sizes 12 to 42.

STYLE **\$3.98** EACH
No. 414

HOOVER UNIFORMS

251 W. 19th St., Dept. OH-2 • New York 11, N. Y.

Hoover Uniforms, Dept. OH-2,
251 W. 19th St., New York 11, N. Y.

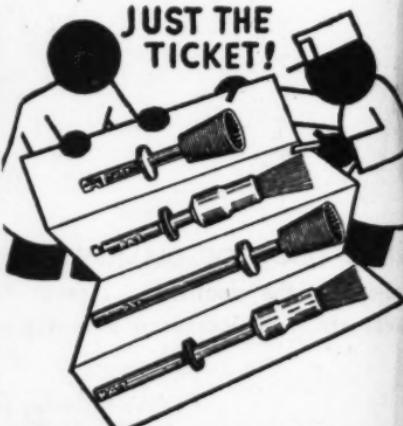
Please send me.....Style No. 414 Hoover Uniforms, Sizes.....

Name

Address

City and Zone.....

State.....



Crescent Polishers

PATENTED

- Permanently Mounted
- Won't Come Loose
- Assures Safety for Patient
- Protection for YOU

Crescent DENTAL MFG. CO.

1839 S. Pulaski Rd., Chicago 23, Ill.

LY
ED
O-
nd
te.
al.
ur
ng
ke.
e.
f.
RDS
MS

TORIT

Dust Collector

TORIT Dust Collectors are self-contained units for carrying away dust laden air around grinding and buffing wheels. They filter and recirculate the air, and collect the grindings for future salvage.

TORIT Dust Collectors are neat, compact units, each containing a motor, blower wheel, filter bags and dust tray—ready to connect with piping from hoods and lathe splashes. They are available in four sizes designed especially for dental laboratory work.

Despite a large backlog of orders and difficulties in material procurement we can make deliveries in three to six months. Order today.



TORIT **SANDPAPER**
DISKS



A Favorite with Dentists Everywhere

The Disk in the Green Box. Made of high quality sandpaper, well stiffened with shellac; perfectly centered, clean cut edges. In every way a high grade disk with a reputation for quality.

Ask for the TORIT Disk Chart and our new catalog No. 15.

Write 279 Walnut St., St. Paul, Minn.

TORIT MANUFACTURING CO.
DENTAL PRODUCTS • DUST COLLECTORS



DENTISTS who standardize on Kerr Cristobalite just can't imagine themselves digging and prying to get their inlays free from investment after casting. With Cristobalite it's so easy, so quick.

After casting, just drop the hot mold into cold water. Off comes the Cristobalite; it completely disintegrates. Out comes the precision inlay. A little brushing and the casting is clean and silky smooth.

Ask for our folder, "Precision Inlays". It tells the whole story.

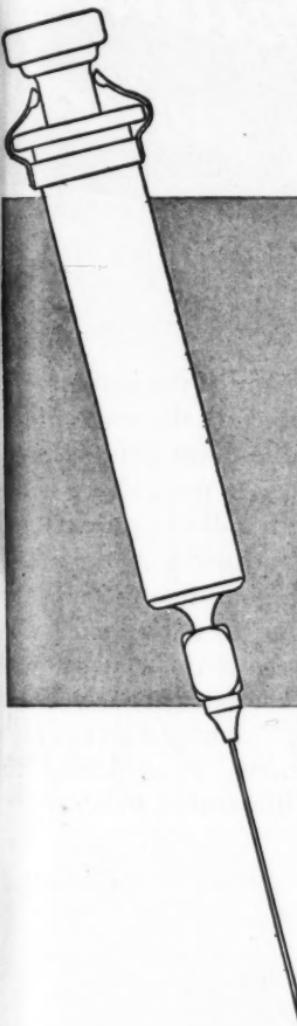
KERR DENTAL MFG. CO., Detroit 8, Michigan
Established 1891

KERR CRISTOBALITE

Inlay Investment

COMPLICATIONS FROM PENICILLIN

The use of purer penicillin has markedly reduced such complications as phlebitis, pain at the site of injection, pyrexia, vascular and sympathetic disturbances, as well as muscular cramps.*



When you employ Bristol Penicillin in your practice you will find it:

1. Uniformly high in potency per milligram and
2. Markedly light in color.

BRISTOL PENICILLIN

*Keys, J.E.L.: Penicillin in Ophthalmology.
J.A.M.A. 126: 610 (Nov. 4) 1944.

BRISTOL
LABORATORIES
INCORPORATED

Formerly Cheplin Laboratories Inc.

SYRACUSE 1, NEW YORK

**"Handiest Instrument
I've ever used."**

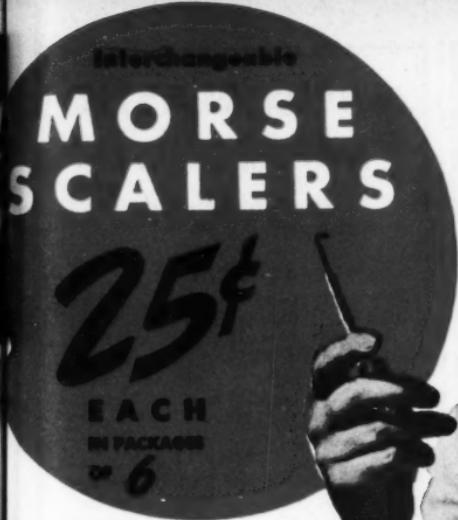
Next to the operating efficiency of the instruments themselves, Morse Scaler users appreciate the convenience and economy of the interchangeable-point principle. As soon as a point shows signs of wear, a new, sharp scaler can be inserted in the chuck type handle as quickly and easily as replacing a bur in a handpiece. And since it costs only a fraction as much as a good one-piece scaler, it's really cheaper than taking time to resharpen a conventional instrument. What's more, it does away with any inclination to continue using a scaler after it becomes dulled... Acquaint yourself with the manifold advantages of these superior scaling instruments by ordering the low-cost introductory assortment illustrated below.

MORSE SCALER ASSORTMENT NO. 8

Eight scalers (one of each type), and two chuck type handles (either size) ... \$4.25



THE RANSOM



The eight types of Morse Scalers meet virtually every requirement of scaling technic—especially as the popular small hook types, Nos. 0, 1 and 2, may be bent, cold, to any desired angle.

Illustrations actual size.

Choice of two sizes of chuck type handles: SMALL ($\frac{1}{8}$ -inch diameter); LARGE ($\frac{1}{4}$ -inch).

Illustrations $\frac{1}{2}$ size.

RANDOLPH COMPANY **TOLEDO**
OHIO

Smocks for Dentists

ORDER NO. 41 TD 8

\$235 ea.

3 FOR \$6.70



Uniforms for Assistants

ORDER NO. 31 TD 219

\$300 ea.

You get comfort and smart appearance in ANGELICAS. Long wear, too, and amazingly low cost—considering the quality. Fully guaranteed. Free delivery in U. S. if full payment accompanies order.

SMOCK: Sturdy White Twill with pleated back and indestructible knot buttons. Sizes 34 to 48.

DRESS: Princess style. Open full length, with sewed-on White bone buttons. Detachable belt. White Twill. Sizes 30 to 46.

Angelica
WASHABLE UNIFORMS

Order from Our Branch Nearest You

ST. LOUIS
NEW YORK
CHICAGO
LOS ANGELES

1414 Olive St.
107 W. 48th St., Dept. 14
177 N. Michigan Ave., Dept. LE
1101 S. Main St., Dept. LE

LANG ELASTIC IMPRESSION POWDER

ACCURACY

Stone or plaster models poured into Lang Elastic Impressions are clean cut, detail finely outlined, and ACCURATE. As many models may be poured into same impression as desired, without damage to impression.

WORKING TIME

Lots of time is provided for even slow operators, for correct mixing, packing into tray and transferring to patient's mouth.

ELASTICITY AND TOUGHNESS

Lang Elastic has an elastic stretch equal to 25% of its length; and a very high degree of toughness, which eliminates all tears and cracks when removing impression from deep undercuts.

ECONOMY

Each unit contains 60 cubic centimeters of powder, which is mixed with 50 ccs of water. This volume is sufficient for packing large upper tray for full mouth impression. Unused portions of powder remaining in foil container is protected by merely drawing hot spatula across torn side, which automatically seals the container.

**Box of 18 Full Units at \$4.00.
3 Boxes at \$11.25.**

Sold only by authorized dealers.

LANG DENTAL MANUFACTURING CO. CHICAGO 13, ILL.

Other Proven LANG PRODUCTS:

WHITE BEAUTY ALLOY (Certified to A.D.A.)

Lang Acrylic Denture Material (Certified to A.D.A.)

Lang Dental Crown, Bridge & Inlay Cement (Certified to A.D.A.)

Lang Everlasting Reliner for acrylic and vulcanite dentures.

Seal Tite acrylic cement, for repairing acrylic dentures.



The Right Combination WILL FIT ANY SIZE ROOM

Assemble your own laboratory with SECTIONAL American laboratory units. Every inch of space is utilized with these de luxe wood benches, forming one continuous working surface. Units are easy to clean . . . provide convenient storage facilities . . . are equipped with steel-

wood drawers that won't stick or jam. Combine the 5-drawer unit and separate working surface to provide an auxiliary cabinet for your operatory. Order it in standard black—or finish it to match your other items. Send the coupon for details.



C
O
U
P
O
N

*Div. of Hamilton Mfg. Co.

Send full information on AMERICAN Laboratory Units.

OH 2-46

D.D.S.

Address

City & State

functional design

adapts nature's plan



ample food table



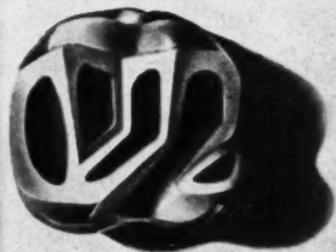
adequate clearance ways

In central occlusion, the low cusps and the sulci of Trubyte New Hue 20° Posteriors are so opposed that there is ample clearance for the masticated food.

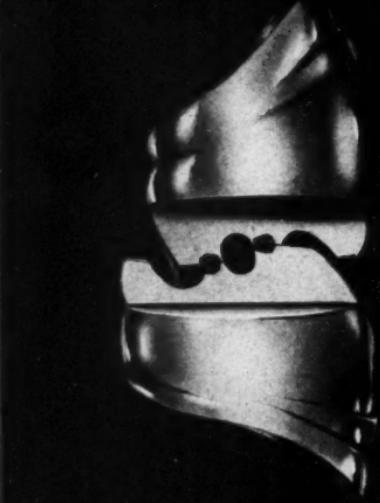
Five exclusive features of Trubyte New Hue 20° Posteriors that insure comfortable, efficient mastication

1. Interacting fine knives
2. Ample food table
3. Adequate clearance ways
4. Narrow occlusal contact
5. Relatively low cusps

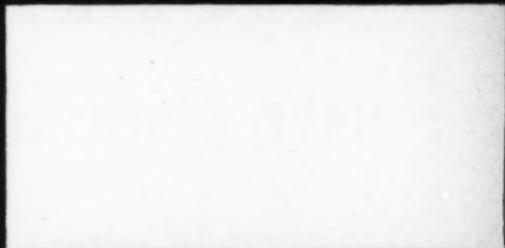
the narrow occlusal contact of Trubyte New Hue 20° Posteriors reduces the force required to crush and shear food; and thus increases the effectiveness of the teeth in mastication. The reduction of force minimizes pressure on the underlying ridge and adds to the patient's comfort with dentures.



Interacting fine knives



Narrow occlusal contact



Nature's basic principles for comfortable, efficient mastication have been incorporated with full recognition of edentulous requirements in Trubyte New Hue 20° Posteriors. Use any technic you prefer, their efficiency is always maintained.

TRUBYTE NEW HUE

20° POSTERIORS

HOW MANY PATIENTS HAVE GINGIVAL RECESSION?

*Clinical Evidence Shows it
Occurs in 8 out of
Every 10 Cases¹*

¹*Jour. Dent. Res.*
20:565-81 (1941)



NEW FINDINGS REVEAL EXTENT OF DAMAGE TO EXPOSED DENTIN AND CEMENTUM

*caused by grinding action
of abrasive dentifrices—
used daily.*



Reports based on a nation-wide survey by dentists show that abrasive-containing dentifrices grind notches into softer dentin and cementum—exposed by gingival recession.²

Laboratory tests show that TEEL, the non-abrasive liquid dentifrice, does not produce cervical notches in such exposed areas.³

²Dent. Items of Int. 66:760-69 (1944)

³Jour. Dent. Res. 20:583-95 (1941)

Have You Received Your Copy?

Send today for your copy of "Important New Findings on the Effects of Abrasive Dentifrices on the Teeth." It gives the latest information on this subject. Tell your patients about it, and help them protect their teeth.

PROCTER & GAMBLE

DEPARTMENT OF DENTAL RELATIONS



Procter & Gamble
Department of Dental Relations
Dept. 1032, Cincinnati 1, Ohio

Please send me "Important New Findings on the Effects of Abrasive Dentifrices on the Teeth", and a professional sample of TEEL.

NAME.....

ADDRESS.....

VISUAL EDUCATION IN DENTISTRY

A book of charts designed to explain dentistry to the patient

(Illustration approximately one-half actual size)

A RECORD

that speaks for itself

78,000

..... *total distribution to date*

Contents

1. Dental Conditions
2. Development and Eruption of Teeth
3. The Progress of Tooth Decay
4. Why Construct a Bridge?
5. How Irregularities of the Teeth Affect the Face
6. Modern Porcelain Restorations
7. The Expense of Poor Dentistry
8. The Development of Root End Infections
9. A Ditch in Time Saves Nine
10. When the Dentist Fills the Tooth
11. "Things Are Not Always What They Seem . . ."
12. The Development of Jaws and Teeth
13. Diseases of Teeth and Tissue
14. The Collapsed Face
15. "Be Not the Last to Lay the Old Axon . . ."
16. The Foundation's the Thing
17. Infection
18. "One Rotten Apple May Spell a Bushel"
19. The Circulation of the Blood
20. Ever been Treated or Neglected
21. The Action of Local Anesthetics
22. "A Little Neglect May Breed Mischief . . ."
23. The Fifth Cervical or Trigeminal Nerve
24. Danger Begins at Six
25. How a Full Denture Fits
26. How the Loss of Teeth Affects the Face
27. The Danger from the Imported Tooth
28. What Does the X-Ray Show?
29. The Requirements of a Correct Restoration
30. Development of the Skull

Here is a booklet of patient-education charts *every dentist* can use in his practice. Over 78,000 copies have been sold over a period of years . . . evidence in itself that the charts are practical and valuable.

Patient-education is of prime importance in any practice. *Visual Education in Dentistry* can be a definite aid in your program. Copies are available for immediate shipment. See coupon for detailed information.

Order two copies . . . one for your reception room and one for your operatory.

The Dental Digest

1005 Liberty Ave., Pittsburgh 22, Pa.

I am a subscriber to The Dental Digest. Please enter my order for 1 copy; 2 copies of Visual Education in Dentistry. My remittance at the rate of \$1.00 per copy is enclosed herewith.

I am not a subscriber. Please enter my name on the list for eight issues of THE DENTAL DIGEST and one copy of Visual Education in Dentistry for \$2.50. My remittance is herewith.

Dr.

Address

Dealer



Dependable Quality in a Prepared CLEANSER

Sterodent Cleanser is skillfully prepared to an exacting formula, using six balanced powders. Sterodent cleans and polishes in one time-saving operation, holding to the brush, without flying or spattering. Patients find it refreshing to the taste.

Oraclenz, its companion product, strips teeth of mucine with a pleasant, quick mouth rinse, prior to application of Sterodent.

Thousands of Dental Offices use Sterodent and Oraclenz

Use **STERODENT**
with **ORACLENZ Coagulent MOUTH RINSE**

Order Today from your Dealer
STERILE PRODUCTS CO. SAN DIEGO 1, CALIF.

DON'T JUST TALK ABOUT FLUORINE—USE IT IN YOUR DAILY PRACTICE—!!
FLENE DENTAL TOPICAL SOLUTION.

A treatment to use in YOUR office to reduce dental caries. Research has shown that the topical application of fluoride solutions to the enamel of teeth of children will reduce the incidence of dental caries by 40%.

DESENSITO—

Obtundant for hypersensitive enamel and dentin. DESENSITO is a new type of desensitizer. It effectively desensitizes gingival areas which are painful when stimulated by sweets, heat or cold, or the toothbrush. Does not stain the teeth or irritate the gingival tissue. Treatments last from 3 months to a year.

These products can be ordered through your dealer, or directly from us. Literature on request.

FLUORDENT INC.

312 Balter Bldg., New Orleans 12, La.

SPECIAL OFFER!

REG. DORIOT NO. 10

16oz C-L-S OIL \$4.50

VALUE... \$14.50

\$12.50

STAINLESS MODEL \$15.00

16oz C-L-S OIL \$4.50

VALUE... \$19.50

\$16.50

REG. DORIOT NO. 10 STAINLESS MODEL \$15.00



**Easy
to use**

BUY

C-L-S

OIL

**Chamois Lubricator
Sensitizer**

**JENSEN
DENTAL INSTRUMENT CO.**

**7878 SANTA MONICA BOULEVARD
HOLLYWOOD 46
CAL.**

Publicity every Dentist should have!

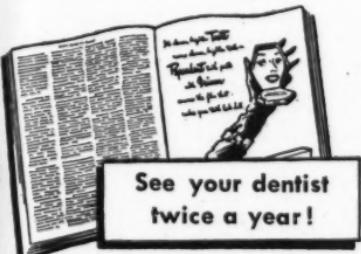


◀ In Sunday Newspapers

Your accomplishments with modern dentistry continue to be advertised in Pepsodent's Sunday newspaper campaign...educating more than 62 million people on the improvements you can make in appearance and health by straightening teeth, recapping defective teeth, fitting bridges.

On the Radio ▶

Pepsodent's Bob Hope Show, the No. 1 Program on the Air, constantly urges listeners to "See your dentist twice a year." This golden rule for dental health was originated by Pepsodent more than 17 years ago... and its importance is stressed in nationwide broadcasts throughout the year.



◀ In Magazines

The slogan "See your dentist twice a year" continues to receive a prominent place in Pepsodent's new magazine campaign... a campaign so strikingly different its message is reaching millions of readers each month!

Through the years Pepsodent has sought to serve the dental profession and the public... convinced that its own progress is linked with the dental welfare of the nation.

Pepsodent

DIVISION OF LEVER BROTHERS COMPANY

PEPSODENT TOOTH PASTE • PEPSODENT TOOTH POWDER
PEPSODENT TOOTH BRUSH • PEPSODENT ANTISEPTIC

RIB-BACK superiority the progeny of *know-how*



Advanced engineering, production and inspection methods which have long contributed towards a universal recognition of Rib-Back Blade superiority, were largely responsible for quality maintenance throughout the entire wartime period... in spite of the greatly increased production required for the armed services.

In successfully meeting government and home front demands, we have never compromised with quality. Uniform sharpness, strength and rigidity have been maintained without deviation from pre-war standards.

Again we stress that each and every blade purchased offers cutting efficiency at its best. As blade dependability is vital to the surgeon, and blade economy important to the purchaser, RIB-BACKS remain the logical blade of choice.

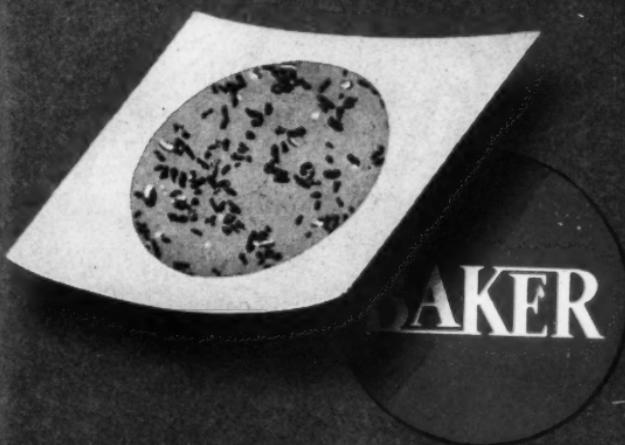
Ask your dealer

BARD-PARKER COMPANY, INC.
Danbury, Connecticut



B.P.

A B A R D - P A R K E R P R O D U C T



HOW ARISTALOY WORKS TO PREVENT LEAKAGE

This photomicrograph explains a unique Aristaloy feature: In order to obtain a filling free from porosity and leakage it is essential that alloy particles be sufficiently small, and so shaped and graded that they are capable of being packed into a minimum of space. — This scientific truth led to the development of specially shaped Aristaloy microgranules which build a final structure so dense that a comparative minimum of free mercury is retained to diffuse into the alloy. — Aristaloy therefore, faces cavity walls with a smooth, fine-grained surface; leakage is prevented through more intimate adaptation. — Aristaloy complies with A.D.A. Specifications #1.

SOLD AT ALL DENTAL DEPOTS

BAKER & CO., INC. • 113 ASTOR STREET • NEWARK, N. J.



BANISH

MIRROR MIST

with this

SENSATIONAL NEW PRODUCT



Those minutes you waste each day—
wiping moisture from your mouth mirror.
Those slips due to hazy vision—
You've wished for a cure,
and here it is! — ROUGENE
Just apply with finger and wipe with a cloth,
takes but a moment and *your mirror keeps mist-free for hours.*
One \$.60 jar lasts for weeks
Order it today.



TRY IT ON GLASSES TOO. In cold weather when glasses steam
ROUGENE keeps your bright and clean. Ideal for windshields also.

BUFFALO DENTAL

Manufacturing Co., Buffalo 3, N.Y.



NEARLY A CENTURY OF SERVICE TO THE DENTAL PROFESSION

LEADING DENTISTS USE VIORAL

AS A REGULAR TREATMENT FOR

Bleeding Gums

ViOral

Voluntary reports from leading dentists throughout the nation tell of dramatic results in clearing up bleeding gums with ViOral. * In many instances, the underlying cause of bleeding gums is nutritional deficiencies, in which case the use of ViOral has been found remarkably effective. Local treatments, such as scaling the teeth, can clear up gum disorders but do not necessarily remove the underlying cause, and the condition may recur with eventual severe oral complications, such as gingivitis, Vincent's, or pyorrhea. * ViOral is also recommended as a pre-extraction measure. Taken a week before extractions, ViOral helps to minimize the tendency to post-extraction hemorrhage. * For further information concerning the experience of the dental profession with ViOral, write: The ViOral Company, 234 East Colorado Street, Pasadena 1, California.

*Add to your successes with ViOral
the new treatment for*

BLEEDING GUMS

More and more dentists
every day are prescribing or
recommending ViOral therapy
for Bleeding Gums, Gingivitis,
Vincent's, Pyorrhea and
other gum and mouth
conditions often caused by
nutritional deficiencies.



★ for further information write:



THE VIORAL COMPANY • 234 E. COLORADO STREET • PASADENA 1, CALIFORNIA

Pasadena • Chicago • San Francisco • New York

Baker Orthodontic Materials

BAKER SEAMLESS ORTHODONTIC BANDS

are made of Platinaloy, our finest platinum-gold band material, and of Oralium Material which, while inexpensive per band because of light weight, has proved in service to be extraordinarily satisfactory in every way. Straight bands are in 24 graduated sizes, extreme taper in 12 sizes for lowers and in 12 sizes slightly tapered for uppers. Gauge .007, width 3/16th inch. See our catalogue for charts.

*

BAKER ORTHODONTIC WIRES

HOCLASP: Unoxidizable, untemperable, high-fusing, with the inimitable platinum. A high favorite in all gauges for every type of orthodontic appliance. Requires little more heat to alloy solder to it. Two types, Regular and No. 2. Ceramic stories are baking 2400°F porcelain to Orthoclasp No. 2.

There is no finer temperable wire. Exceptionally good for springs in fine gauges. Often, plunge into water when at red heat. To temper, cool very slowly from dullness. Q-A is neutral in color.

FUSING: An unoxidizable gold colored wire, temperable like Q-A and widely used where gold color is required.

NIUM, ELASTIC ORALIUM and 3 PER CENT: These are great favorites where a durable wire plus economy are required.

LESS STEEL: We make Johnson Stainless Steel arch wire .009, .010 and .011; spring wire .0056, .007 and .008 and soft ligature wire .010. Our wires are severely tested before they leave our factory.

*

TUBES AND TUBING

make an endless variety of tubes and parts for orthodontic appliances. Whatever it is you need, we either have it or will get it for you. Our regular line includes round seamless tubing of Platinaloy, Oralium and Coin Gold; half round seamless tubes of Platinaloy and Oralium to fit 14 ga. half round wire. These are not cut from tubing, but are individually made.



*

HALF-ROUND TUBES AND POSTS

Very resistant to wear and distortion. They are fitted so accurately that there is no play. Shaft head is slotted to accommodate round arch wire. Slot is solder-covered. After fluxing, the arch is held in the slot with tweezers, or better, with our special jig, and heated. Union is instantaneous. Enough solder has been provided. None ever flows down the shaft. Flat side of the solder-covered too.

*

RUSSELL LOCK

consists of a bracket and a safety set-screw which may be set and released with special tapered square-faced key. The locks for anterior teeth are supplied attached to a strip of Platinaloy and Material in sizes for .022x.022 and .022x.028 wire—molars, which take all size wires up to .040, are easily soldered to lie flat against the tooth. The advantages of the Russell Lock are: its simplicity, complete control of stresses, and that the arch may be left very loose or any amount of pressure applied to the point of rigidity.



Only the vehicle is MILD
Glucaine carries full procaine strength



It is interesting to note that a recent research experiment made on white rats resulted in the conclusion that procaine hydrochloride is more toxic than procaine gluconate, and that according to the findings of the experiment "the toxicity ratio is approximately 1.4."*

This reduced toxicity observed in procaine gluconate injections is the keynote of Glucaine's wide acceptance among discriminating dentists. The new user soon realizes that Glucaine can be depended upon for profound anesthesia. With this main factor assured, it is only good sense to continue to use an anesthetic with a lower toxicity ratio and the resulting post-operative benefits.

Try Glucaine on a few difficult cases. You are sure to like the performance of this newer, more advanced anesthetic.

*Bibliography—Wilson, Donald A.: *Anesthesia and Analgesia* 16:168, 1945.
Reprint available on request.

LEE S. SMITH & SON MFG. CO., PITTSBURGH 8, PENNA.

GLUCAINE
Mild... but POTENT

D-P DENTURLYNE Is Back!



D-P Denturlyne—the original non-burning, non-toxic temporary reline material—is back! Originally developed as an aid for immediate restorations, D-P Denturlyne became universally used as an impression medium prior to permanently rebasing by process.

D-P Denturlyne is unconditionally recommended by all former users as:

1. A temporary lining prior to rebasing.
2. A method of increasing suction and stability in the troublesome denture.
3. An excellent medium for impressions taken under functional stress.

With the return of D-P Denturlyne to the market, we are discontinuing the manufacture of any other reline material.



DENTAL PERFECTION CO.

2323 West Washington Blvd.,
Los Angeles 7, Calif.





"The Foster" VIBRATOR

Heavy enough for the lab.
Light enough for the Dr.

- 1.—Controlled Vibration; 3 speeds
- 2.—Soft Cushioned, Will Not Jump
- 3.—Chrome Plated, Heavy Duty
- 4.—Water Proof Coil, Heavy Switch
- 5.—A Fixture For Your Office

Price \$19.75

RAY FOSTER Dental Supplies

510 South Alandale

LOS ANGELES 36, CALIF.

MASEL GOLD "GRIP" FACINGS



Upper Laterals



Cuspids



Masel's Gold "Grip" Facings are made thick, of hard gold, in rich gold color. They are easily obtainable at your favorite dealer's. Should these facings become scratched while taking the denture from the flask it is extremely easy to remove such defacing marks, and to polish beautifully without fear of weakening them.



Masel's Gold "Grip" Facings depend upon two wings shown in the mesiodistal view "A," which are bent to form the collar, shown in "B," for attachment to the denture base material.

ISAAC MASEL COMPANY
1108 Spruce St. Philadelphia, Pa.



The facts about Minimax Alloy

No. 24 of a series of advertisements prepared to acquaint Dentists with the whys and wherefores of this extremely useful material.



No matter what you pay - you can't buy a better alloy than *Minimax Alloy*

All of the physical properties and characteristics of Minimax Alloy No. 178 are maintained on a well balanced high level—that *no one has ever exceeded*. From the very beginning, when the American Dental Association specifications were set up back in 1928, Minimax has complied with *every requirement*. Not only has this definitely superior alloy done so in the controlled tests conducted in scientific laboratory procedures . . . but, what is of extreme importance to you, Minimax Alloy passes **ALL** specifications when *YOU make the filling* with your preferred technic under the varying conditions

present in every day office practice.

In fabricating Minimax Alloy, no single quality is over-emphasized at the expense of another for the sake of making boastful claims. In *this* alloy, all properties and characteristics are combined and balanced to help you make successful fillings . . . fillings that restore tooth anatomy, seal the cavity, provide functional efficiency and maintain their lustre over long periods of years.

Regardless of how much you may pay, you can't buy a better alloy than Minimax Alloy No. 178. For real satisfaction, specify the alloy with **MINIMUM** price and **MAXIMUM** quality.



The MINIMAX Co.

Medical and Dental Arts Bldg., Chicago 1, Ill.

In 5 oz. BOTTLES

5 ozs. . . \$1.70 per oz.
10 ozs. . . 1.60 per oz.
20 ozs. . . 1.55 per oz.

Prices subject to change without notice

In 1 oz. BOTTLES

1 oz. . . \$1.80
5 ozs. . . 1.75 per oz.
10 ozs. . . 1.65 per oz.

Complies with A.D.A. Specifications. No. 1
Filings suitable for alloy-mercury gauges.

For best results mortars and pestles should be occasionally resurfaced. Over long periods, they wear smooth . . . become inefficient. As a convenience Minimax provides **FREE** with every bottle a handy envelope of Abrasive Resurfacing Powder.

Lucky You!

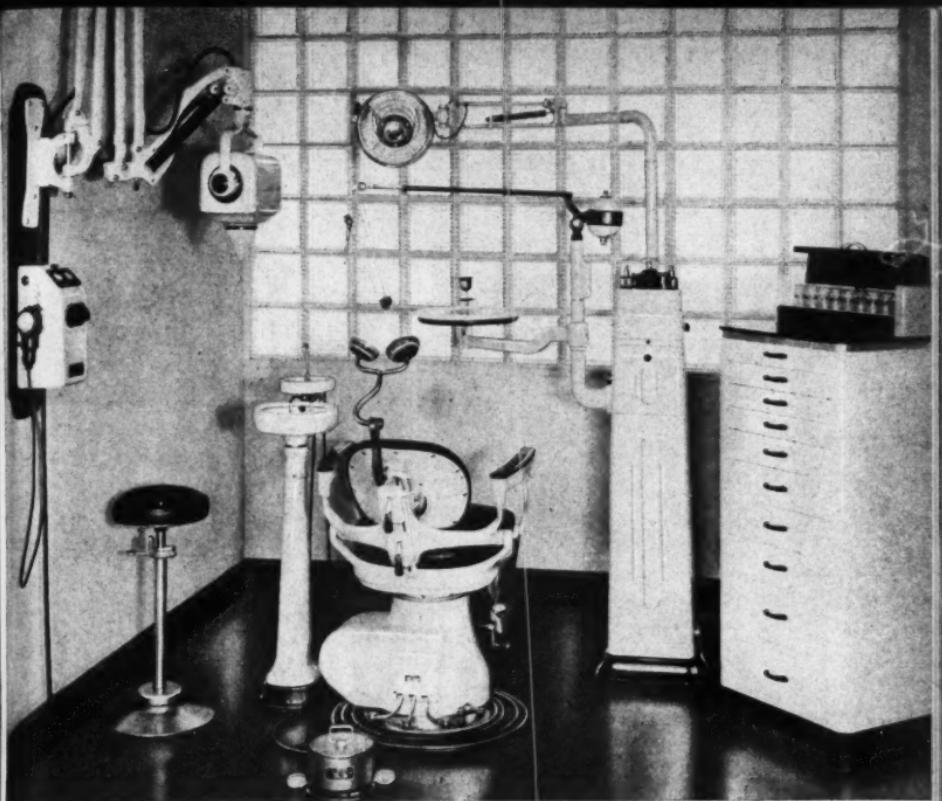
TO HAVE AN OFFICE SUCH AS THIS

IT'S been a long, long time since dentists have been able to purchase new Weber Equipment—but take our word for it . . . it *has* been worth waiting for! While you have been looking forward to this day, we here at Weber were busy developing and building dental equipment for a priority customer — Uncle Sam. And believe us, in making this equipment which *had* to meet the toughest specifications and requirements imaginable, we did many things which seemed impossible.

WEBER

THE NAME TO REMEMBER
IN DENTAL EQUIPMENT





Out of this experience in producing equipment for military service, have come many new and revolutionary improvements, all of which are now incorporated in the new line of "better-than-ever" Weber Equipment, so that dentists everywhere can enjoy a full measure of its benefits.

Naturally, the immediate demand for Weber Equipment is unprecedented—so, if your Dealer cannot supply your needs today, place your order anyway. We promise that you won't have to wait too long. Literature available upon request.

WEBER DENTAL MANUFACTURING CO., CANTON 5, OHIO

**SPECIFICALLY
DESIGNED FOR
PROFESSIONAL
DISPENSATION**

Use this Coupon for
Office Samples of
**MODEL D
TOOTH BRUSHES**
with Your Name in
Gold on the Handle

The Model D Co.,
Division of The Cutino Co.,
934 Wyandotte St.,
Kansas City, Mo.

Enclosed _____ \$ for
3-Row _____ 2-Row

Model D Tooth Brushes at
20¢ per brush with my name
stamped in gold on the handle.
(This offer is limited to six
of each model)

Dr. _____
Address _____

240 OH

**ONLY MODEL D
TOOTH BRUSHES
Have All Four
Approved Features**

1. Extra long, straight handle
2. Re-inforced end tuft
3. Flat brushing surface
4. Three sizes

Helps 3 ways in
**ORAL
HEALING**

**CAMPHO-
PHENIQUE**

(Phenol 4.75%, Camphor 10.85%
in an Aromatic Mineral Oil Base)

**combines Analgesic
Antipruritic and
Antiseptic Properties**

This splendid camphor and phenol formula has long been a favorite of the profession for its beneficial action on inflamed, irritated, or edematous gum and oral mucous membrane. It works as a mild surface anesthetic to relieve pain, and combats swelling and secondary infection. Apply with saturated cotton tampon for relief in

Post-Extraction

**Post-Prophylaxis • Dry Sockets
Gum Lesions • Stomatitis**

SEND FOR FREE BOTTLE

CAMPHO-PHENIQUE
Dept. OH-2, Monticello, Illinois
Please send me a free bottle of Campho-
Phenique Antiseptic Dressing.

Name

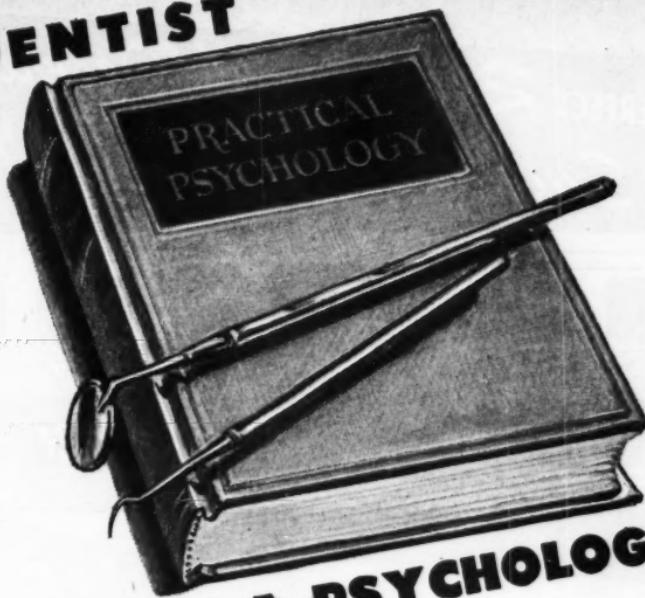
Address

City, State



A DENTIST

341



MUST BE A PSYCHOLOGIST

To insure patient cooperation, a dentist should apply everything he knows about human nature.

One thing he knows, for example, is that people don't like to work hard...they prefer doing things that don't require much effort.

And realizing that correct tooth brushing is *exacting*, the wise dentist simplifies things for his patients by recommending the D.D. Tooth Brush—the brush that makes scientific brushing *easy*.

For the ingenious *twisted-handle* facilitates proper placement of the brush on the teeth...almost automatically insures desirable *rotary motion*. Leading periodontists acclaim the non-skid thumb rest which permits easy control of the compact brushhead for gentle, non-traumatizing gum massage.

A Product of

BRISTOL-MYERS COMPANY

D.D.
DOUBLE DUTY
TOOTH BRUSH

630 FIFTH AVE., DEPT. 4
NEW YORK 20, N. Y.

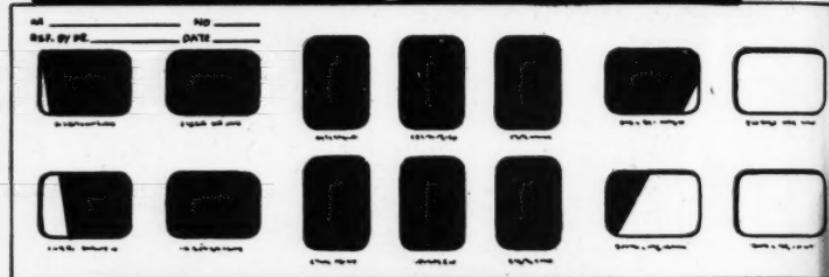
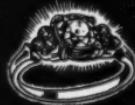


3-ROW
D. D. TOOTH BRUSH



2-ROW
D. D. TOOTH BRUSH

A PERFECT *Radiograph Deserves
a Suitable SETTING!*



Another RINN product for better X-Ray! EEZEEMOUNTS were first designed to improve **FILING . . . PROTECTION . . . HANDLING . . . VIEWING . . .** and all at moderate **COST!** Their exclusive, **TRIPLE-LAYER** construction of durable quality fibreboard . . . their simplified method of insertion helped to accomplish these aims. **BUT . . .** another fine feature emerged with the creation of RINN Eezeemounts . . . *good looks!* For here is the perfectly shaped frame . . . a setting of color and surface texture that interposes just the right contrast, making each X-Ray picture more attractive . . . and easier to study with a minimum of eye strain.

RINN EEZEEMOUNTS

Rinn X-Ray Products

3035 Fullerton Ave.

Chicago 47, Ill.

A Real Advancement

FINK PERMANENT LINER

IN

SHEET FORM



Formula by Arthur Fink, B.S., C.H.E.

Patent Applied for

1. Cut piece about
1/3 inch wide.2. Remove
wrapper.3. Place on denture. Insert
in mouth. Dismiss patient.

The only Acrylic Liner in Sheet Form, Fink Permanent Liner contains no solvent • Non-Toxic • Non-Burning • Tasteless • Odorless • Guaranteed for Life of Denture (becomes permanent and integral part of denture) • Permanent Shelf Life • Easy as 1-2-3

• Requires no cellophane • No mixing • No processing. Delicate transparent pink blends with any color denture.

Enough Fink Permanent Liner to line over 30 dentures this new, handier, more economical way, only

\$8.00

TRY FINK PERMANENT LINER AT OUR RISK

with the privilege of returning unused portion for full refund if not satisfied.

PLASTODENT, Inc.

264 W. 40th St., New York 18, N.Y.

Mfrs. of Fink Precision Impression Powder
An Insoluble Alginate

PLASTODENT, Inc., 264 W. 40th St., N.Y. 18

Please send me

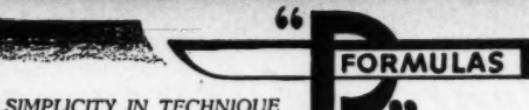
Fink Permanent Liner in new handier sheet form at \$8.00.
 Free Descriptive Literature

Name _____

Address _____

City _____

Dealer _____



for PREVENTION and TREATMENT of ORAL INFECTION

"D-5," AMMONIATED SILVER NITRATE

to be used with

"D-6," REDUCER. Will not discolor or stain teeth.

"D-3," ORAL PAIN RELIEVER

Aerobic dental astringent used in treatment of acute Vincent's infection, Pyorrhea or any other painful Stomatitis; after prophylaxis and extraction.

Your dealer sells "D"-FORMULAS. Literature mailed on request.

PERIODONTAL SPECIALTIES COMPANY
809 WEST MADISON STREET, CHICAGO 7, ILLINOIS

FOR YOUR HANDS, DOCTOR

An Unusual

CONCENTRATED LIQUID SOAP

- A pure neutral soap.
- Mild and Bland.
- One gallon can be diluted to four.
- Economical, diluted or straight, a few drops are enough.

1 Gallon \$ 3.50
Dispenser \$2.00. Dispenser free with
4 gals.

**A Satisfying
HAND LOTION**

- Vanishes quickly, no oily film, for better instrument grip.
- Aids replacement of normal oil balance disturbed by frequent washing.
- Concentrated, Economical. Best used sparingly.

One 8 oz. Bottle	\$1.00
Three 8 oz. Bottles	2.50

Order Through Your Dealer or Direct.

ETHICAL BRANDS, Inc.

57 WEST 57th STREET, NEW YORK 19
(Medical Arts Center)

1000

**BUSINESS
CARDS**

Thermographed on Fine
Quality Stock regular \$6.00
Value

\$3.95

1000

**PROFESSIONAL
LETTERHEADS**

Billheads or envelopes
printed on Hammermill
Bond

\$3.95

Samples on Request

JULES PRESS, 55 WEST 42ND ST., NEW YORK 18, N. Y.

HANDPIECES REBUILT

**SPECIAL
LOW PRICES**

We will completely rebuild your handpiece and angles like NEW. All old parts removed and empty housing completely rebuilt. A test will convince you. Prompt Service.

CONTRA ANGLES \$3.50
250 Ocean P'Way

STRAIGHT HANDPIECES \$7.50

LACHER REPAIR SERVICE

Brooklyn, N. Y.

From Our Mail...

Gentlemen:

We have been condensing our files, and in doing so discovered many Eastman dental films of 20 years and more which were still in perfect readable condition.

Thought you might want to pass this fact on to the profession as evidence of the quality and dependability of Eastman products.

The enclosed are a few samples just as they were removed from the files.

Thanks for your wonderful contributions to dentistry.

Sincerely,

EXACT TRANSCRIPT OF LETTER FROM LONG-TIME
USER OF EASTMAN DENTAL X-RAY FILM.

THERE'S little to be added to the simple statement made in this letter—except that such quality and dependability are but natural results of Eastman Dental X-ray Film's invariably uniform speed, contrast, and latitude.

And you can rely on these characteristics of famous Eastman Dental X-ray Film always—whether the package is opened in Manhattan or Melbourne.

EASTMAN KODAK COMPANY, Medical Division,
Rochester 4, N. Y.

Kodak

START THE PATIENT RIGHT...IT'S



DENTURES KEEP *fit*

R (AND YOUR) Advantage

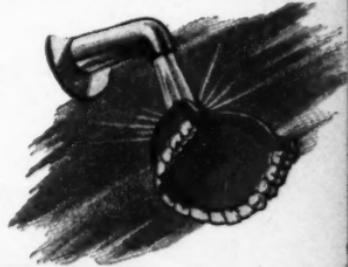
MANY DENTISTS find it wise to show the patient (before leaving the office) how easy and safe it is to keep the new denture in perfect condition with POLIDENT. Many later complaints can thus be easily avoided... complaints of irritation from plates worn by brushing with abrasive cleaners, of offensive odor due to undissolved mucin plaques, and of unsightly discoloration.... Furthermore, the danger of chipping or breaking is materially reduced, because of the minimum handling necessary with POLIDENT.

WILSON PRODUCTS, INC., JERSEY CITY 6, N. J.



SOAK

Soak 15 minutes in solution
(or overnight)
(1 glass water to capful POLIDENT)

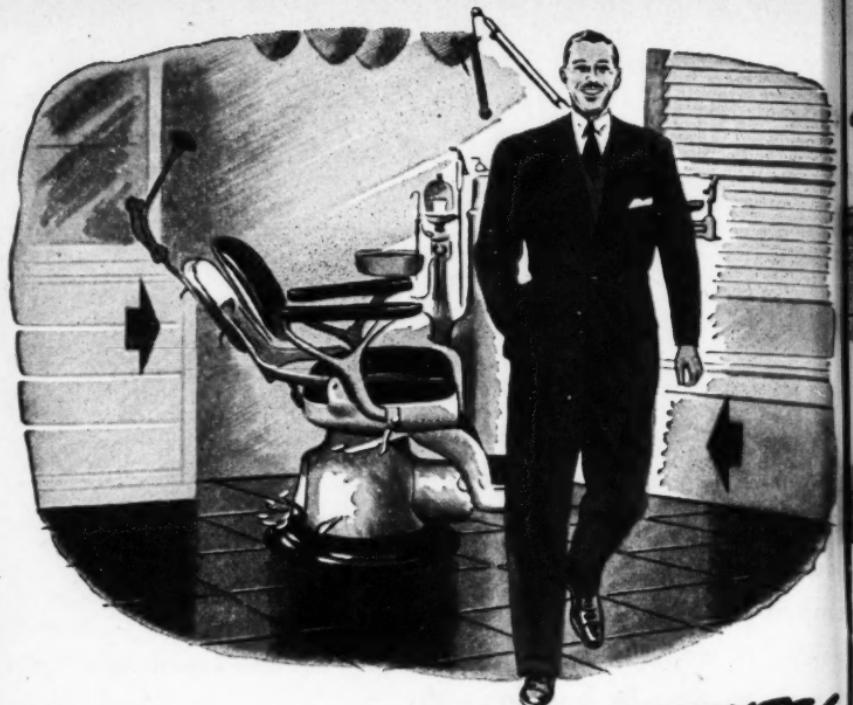


RINSE

Hold under running water to rinse—
THAT'S ALL

Approved for use by leading manufacturers of acrylic denture material.

WITH POLIDENT



WHERE PERFORMANCE COUNTS!



Injection Cartridges (Hypotubes) of
Procaine Hydrochloride 2% with
Epinephrine 1:25,000 ADR
Procaine Hydrochloride 2% with
Epinephrine 1:50,000 ADR
Procaine Hydrochloride 2% with
Neo-Synephrine Hydrochloride
1:2500 ADR
supplied in boxes of 25, 100 and 200

Two places where the local anesthetic of your choice must stand the test are in the chair, immediately after administration—and in the post operative period.

Procaine Hydrochloride "Rorer" preparations withstand these tests—by providing reliable anesthesia of maximum efficiency with safety—and with a minimum of undesirable after-effects and reactions.

The exacting and unvarying quality of Rorer solutions is safeguarded by detailed scientific control and inspection during and after manufacture. Samples and literature will be gladly supplied by William H. Rorer, Inc., Drexel Bldg., Independence Square, Dept. F, Philadelphia 6, Pa.

PROCaine HYDROCHLORIDE SOLUTIONS



35 YEARS OF PAINSTAKING, SCIENTIFIC CARE TO INSURE DEPENDABILITY

COUNTY FAIR

CO·RE·GA

*Happy carefree days for prosthetic patients. * When a quality denture adhesive is indicated prescribe CO-RE-GA. * The Perfect Adhesive for Dentures.*

Mail this coupon for your supply of professional samples

PLEASE SEND FREE SAMPLES FOR PATIENTS

Dr. _____

COREGA CHEMICAL COMPANY
208 ST. CLAIR AVENUE, N. W. • • CLEVELAND 13, OHIO

CO-RE-GA IS
NOT ADVERTISED
TO THE PUBLIC

WILSON'S

CO-RE-GA

COREGA CHEMICAL COMPANY

208 St. Clair Ave., N. W. Cleveland 13, Ohio

THE Aristocra



Photograph Courtesy of
The Metropolitan Museum of Art.
New York, N. Y.

OF CHROMIUM ALLOYS

*S*afeguard your partial dentures with Nobilium, aristocrat of dental metallurgy and finest of chromium-cobalt alloys. Without promotion—and on its merits alone—Nobilium has won the admiration and support of thousands of professional men during the difficult war years—just past.

Among the reasons for Nobilium's exceptional progress are the physical characteristics which add years of oral service, comfort and satisfaction to your cases. Included are Nobilium's hard, dense, smooth surface that stays clean and fresh and resists the clinging action of foods; Nobilium's incomparable lightness that assures comfort; Nobilium's strength that protects the appliance through the years; Nobilium's lustre that never dims. Other outstanding advantages are Nobilium's precision casting and clasp a-d-j-u-s-t-a-b-i-l-i-t-y, a combination that adds up to complete functional and economic satisfaction. For real service, prescribe Nobilium and entrust the restoration to your preferred Nobilium laboratory.

Nobilium PRODUCTS, INC.

PHILADELPHIA • CHICAGO





RECOMMEND

moY

*... the Holding Powder
that Reciprocates by
Recommend ing YOU*

Patients' appreciation of their dentists' prosthetic skill is frequently lost during the difficult "breaking-in" period. MOY helps correct that situation by establishing denture comfort and facility of use right from the start. It acts as a soft, yielding, buffer between the hard denture and tender mouth tissues. It aids denture retention by helping to maintain suction. Pleasantly flavored, MOY helps prevent nausea and gagging. Its alkalinity neutralizes salivary acidity. To overcome adaptation problems, recommend MOY.



• *Clear—white, MOY
Does NOT Show
Through Translucent
Dentures.*

The J. Bird Moyer Co., Inc.

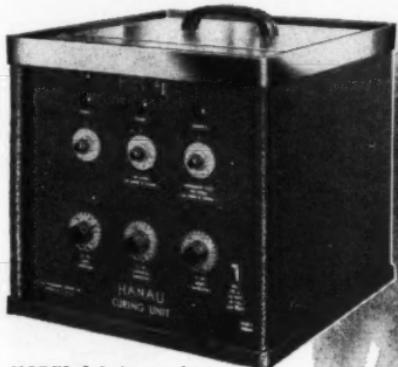
SINCE 1893

1210-14 Vine Street

Philadelphia 7, Pa.

A NEW DEVELOPMENT IN DENTURE PROCESSING

- automatic
- attention-free
- dependable



MODEL L-3, (accommodates 12 flasks) for curing at three different time intervals.

Controlled
Curing
OF DENTURE MATERIAL

THE HANAU *Curing Unit*

No more constant attention...no more guesswork in your denture processing. Your preferred curing method may be in one, two or three stages. Simply set the dials for each stage at its predetermined temperature and for the desired length of time. When the curing cycle is over, the unit automatically shuts off.

Built with typical Hanau workmanship, the Hanau Curing Unit embodies

stainless steel tank and cover, heavy duty heating coil, adjustable time control by electric chronometer (range 15 minutes to 20 hours), adjustable temperature controls (range 105° to boiling). Supplied in two sizes, large and small, and in 3 models of each size for curing in one, two or three stages. Operates on 115 volt, 60 cycle current. Ask your dealer for details—or write.

HANAU ENGINEERING CO., INC.
1235 Main Street

Buffalo 3, New York

HANAU

for years and years of perfect service

*Exclusive
with BURTON*

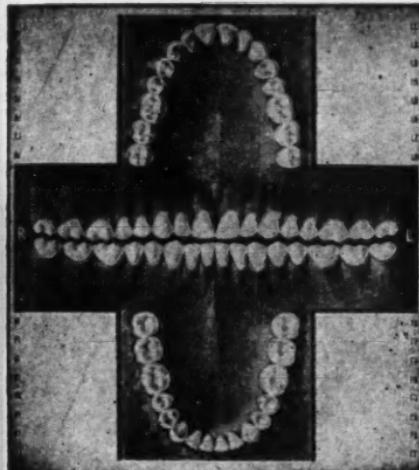


*No other light
does this!*

—OBtainable only through your local dental dealer.
Write or phone him now for full information.

*15 wt. ultraviolet tube may be used instead of Fluorescent tube to maintain chain of asepsis at bracket table





Permanent Records Are Important . . .

Do you have a permanent record of the mouth of each of your patients? This type of record is tremendously important, and easy to accomplish. Use the Ryan Treatment and Examination Chart as illustrated here. It is being widely used and is acclaimed the most practical chart for record purposes. Use it on *one case* . . . and you will want to use it on *every case*. The coupon is for your convenience.

The Dental Digest

1005 Liberty Ave., Pittsburgh 22, Pa.

Here is \$1.00 for a pad of 50 Ryan Examination and Treatment Record Charts.

Dr.

Address

City



INDIAN HEAD MOUTH MIRRORS

GUARANTEED BOILABLE



Dentistry's Standard Since 1908

Plain and Magnifying. All Sizes

16 Cone Socket \$5.50 per doz. Simple Stem \$4.80 per doz

UNION BROACH CO., INC. 37 W. 20 St. New York 11, N. Y.

Natural Bristle

is Available NOW!

Members of the profession will be glad to know that we can now supply NATURAL BRISTLE—the equal of pre-war quality—in the following textures:

Medium Bleached
Hard Bleached

Extra Hard Bleached
Hard Unbleached Black

Extra Hard Unbleached Black

The Dr. Butler Brush is the ORIGINAL of this type and design of brush—specify the BUTLER on your prescriptions.

MAKE YOUR OWN COMPARISON

Send 40c for two adult brushes—then compare with other brushes!

Send
Coupon
Today!



JOHN O. BUTLER CO. OH 2-46
7600 Cottage Grove Ave., Chicago 19, Illinois

I enclose 40c for two brushes. Send me

NATURAL BRISTLE SYNTHETIC

<input type="checkbox"/> Medium Bleached	<input type="checkbox"/> Medium Bleached
<input type="checkbox"/> Hard Bleached	<input type="checkbox"/> Hard Bleached
<input type="checkbox"/> Extra Hard Bleached	<input type="checkbox"/> Extra Hard Bleached
<input type="checkbox"/> Hard Unbleached	
Black	
<input type="checkbox"/> Extra Hard Unbleached	
Black	

Dr.

Address

City & State

Simplified GOLD

STERN

S

SOFT INLAY
CASTING GOLD

STERN
GOLDS

For all 1, 2 and 3 surface inlays
subject to slight stress. Certified
Type "A"-A.D.A. \$1.97 per dwt.

STERN

1

MEDIUM INLAY
CASTING GOLD

STERN
GOLDS

For all 1, 2 and 3 surface inlays
and cast crowns subject to moderate
stress. Certified Type "B"-A.D.A.
\$1.89 per dwt.

STERN STANDARD SERIES

Four golds of the highest precious metal content,
with the physical properties, for maximum effi-
ciency and satisfaction. Packaged in uniform yellow
and black envelopes containing 2 dwt.

STERN

2

HARD INLAY
CASTING GOLD

STERN
GOLDS

For abutments; $\frac{1}{4}$ and full crowns;
1, 2 and 3 surface inlays; onlays.
An ideal ALL-TYPE inlay gold. Certified
Type "C"-A.D.A. \$2.00 per dwt.

**STERN
GOLDS**

ESTABLISHED 1887

I. STERN & CO., INC.
233 Spring Street
New York 13, N. Y.

STERN

3

PARTIAL DENTURE
CASTING GOLD

STERN
GOLDS

For all one-piece and sectional dentures;
lingual and palatal bars; inlays subject to heavy stress.
\$2.00 per dwt.

ELECTION

STERN

10

**STERN
GOLDS**

for all 1, 2 and 3 surface inlays and
cast crowns subject to medium
stress. \$1.70 per dwt.

STERN

20

**STERN
GOLDS**

for abutments, $\frac{3}{4}$ and full crowns;
1, 2 and 3 surface inlays; onlays;
an ideal all-type inlay gold. \$1.70
per dwt.

STERN

30

**STERN
GOLDS**

for all one-piece and sectional cast-
ings; lingual and palatal bars; also
inlays subject to heavy stress. \$1.70
per dwt.

The choice of just the proper casting gold for every type of restoration is now completely simplified by Stern's new system of classification and packaging. Whatever are your requirements, you can quickly select exactly the best gold for the purpose from either of Stern's two series—Standard or Special.

In every respect this new arrangement makes the dentist's task easier—saves him time, money and uncertainty.

With typical Stern conscientiousness and precision, no detail has been overlooked to bring you an unfailing and easy method of choosing the right gold for maximum satisfaction. Packages have been entirely re-designed and are now distinctively marked to show you at a glance the purpose of each gold as well as physical properties. Yellow and Black envelopes contain the Standard Series, while the economy Special Series is packaged in two-tone Blue envelopes.

STERN SPECIAL SERIES

Four golds that may be selected when economy governs your choice. Possess comparable physical properties with corresponding golds in the Standard Series. Packaged in uniform two-tone blue envelopes containing 2 dwt.

STERN

SPECIAL WHITE

**STERN
GOLDS**

For all one-piece and sectional cast-
ings; lingual and palatal bars. \$1.25
per dwt.

FOR DECISIVE ADVANTAGES



LOOK TO

STARLITE

Diamond Instruments

DECISIVE

in speed. Starlite Diamond Instruments cut two to three times faster than burs or ordinary abrasive instruments.

DECISIVE

in mechanical construction. Starlite Diamond Instruments have perfect balance—never get "off center". The diamond abrasive is evenly distributed, hence cuts more accurately and lasts longer.

DECISIVE

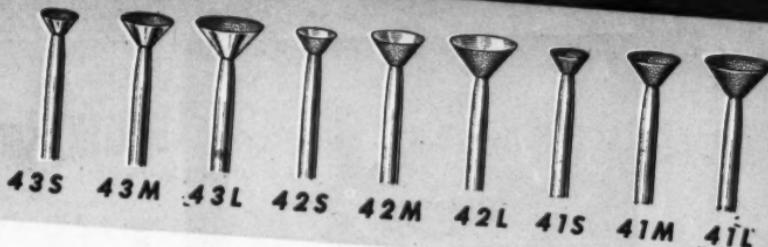
in comfort to patients. Negligible frictional heat combined with higher operative speed makes Starlite Diamond Instruments the most desirable cutting instruments (wherever applicable) from the standpoint of patient comfort.

DECISIVE

in relief of operative fatigue. You can work without muscular strain or nervous tension for long hours with Starlite Diamond Instruments because they reduce DYNAMIC TENSION almost to the vanishing point.

Consider these decisive advantages the next time you order diamond instruments. More than ever, STARLITE Diamond Instruments are—

THE INSTRUMENTS OF THE PROFESSIONAL PERFECTIONIST



THE HOLLOW CONE

A New Versatile STARLITE with a HIGH POTENTIAL

THE HOLLOW CONE is the most efficient and rapid cutting instrument yet made for initial bulk reduction to a definite roughed out form. It is also the most adaptable instrument for gaining access to axial angles and is the only cutter capable of approaching the trephining effect in the preparation procedure.

Three Variations in Abrasive Surfaces . . . Three Sizes of Each

Starlite #41 is the basic HOLLOW CONE instrument with diamond abrasive on the inside and outside of the cone. Starlite #42 has the abrasive on the outside only, and #43 is diamond-imbedded only on the inside. All come in three sizes—Small, Medium and Large.

NEW BOOKLET TELLS COMPLETE STORY . . . SEND FOR YOUR COPY TODAY

"The Hollow Cone—A New Multi-Purpose Starlite Diamond Instrument" gives you a step-by-step application of this new instrument in Porcelain Jacket Preparations, Full Cast Crown Preparations as well as for miscellaneous uses. Twelve pages of "know-how", fully illustrated. Just fill in and mail coupon below.

STAR DENTAL MFG. CO., INC.
1217 SPRING GARDEN STREET, PHILADELPHIA 23, PA.

Star Dental Mfg. Co., Inc.
1217 Spring Garden Street
Philadelphia 23, Penna.

Gentlemen:

Please send me a copy—without charge—of your new publication, "THE HOLLOW CONE".

Name _____

Street _____

City & Zone _____ State _____





Alkalinity

DENTURE PATIENTS DON'T COME BACK

A recent survey shows that only 33.2% of all denture wearers ever find their way back to a dental office. Apparently, when normal resorption occurs patients do not realize that this condition demands their dentists' assistance.

Many dentists believe that adequate instruction at the chair will eventually correct this attitude. In the belief that pictures speak stronger than words the brochure "Denture Closeups" was developed. It describes graphically the story of tissue resorption and "when mouth tissues change—see your dentist."

Write for your free copy of "Denture" Closeups" today.

FASTEETH

Helps
Clark-Cleveland, Inc.
Binghamton, N. Y.

OH-2

Gentlemen:

Please send copy of "Denture Closeups."

Dr.

.....
.....

Ordinary tap water may be satisfactory for washing glass tubes for ordinary anesthetic cartridges, but not for Monocaine Anestubes.

Our water is pumped from wells 100 feet beneath the sub-basement of our laboratories, but this apparently crystal clear spring water, as well as city water, contains an amazing amount of dissolved inorganic salts, soluble extracted from the bed rock during the course of material It also contains floating undissolved particles. We decided that this water cannot be used satisfactorily for washing Ampules, Anestubes and Novampsuls.

To successfully demineralize and purify this water, we constructed special equipment. The water is pumped and circulated through a series of tanks, where by de-ionization, the dissolved and floating material is separated from the water on charged electrodes.

This de-ionized water, which is in many respects superior to distilled water, is then preheated and pumped into specially built washing machines, where under compressed air our anesthetic containers are thoroughly washed, dried and sterilized.

This washed water washes better. It is one of the important steps we have adopted to remove floating particles in Monocaine solutions.

When you Blackout Pain with Monocaine, you can be certain that everything humanly possible is being done for the safety of the patient.

*Monocaine is the registered trade mark of the Novocol Chemical Mfg. Co., Inc.

**Emphasis on
Perfection!**

FOR MONOCaine



NOVOCOL CHEMICAL MFG. CO., INC.

2911-23 Atlantic Ave., Brooklyn 7, N.Y.

Toronto • London • Buenos Aires • Rio de Janeiro



FOR EXCELLENCE IN
PRODUCTION OF LOCAL ANESTHETICS

You can't overrate the value of CONTROL



You can't see it at all. Yet you know — whenever you enjoy perfect performance—that careful and complete control is the secret.

So with U.D. pharmaceuticals and kindred products. Their uniform, dependable action comes of constant daily practice of rigid laboratory control. Behind the scenes, within the bright walls of modern U.D. laboratories, a small group of experienced and professional men conduct a smoothly operating system of quality control developed through the years. These doctors, chemists, pharmacists, known as the Formula Control Committee, guide and guard every step of development and production . . . from origin of formula, through manifold tests, to double-checking of finished product.

As a result, you are sure of getting unsurpassed quality when you buy—or suggest for your patients—any of the items in the long U.D. line. They're all conveniently and economically available at the same pharmacy that features reliable prescription service—your nearest Rexall Drug Store.

MI 31 Solution . . . Safe, quick-acting antiseptic. Kills contacted mouth germs in 20 to 25 seconds when used full strength.

MI 31 Tablets . . . Convenient tablet-form antiseptic. Also effective surface anesthetic.

AT ALL REXALL DRUG STORES

UNITED-REXALL DRUG CO.

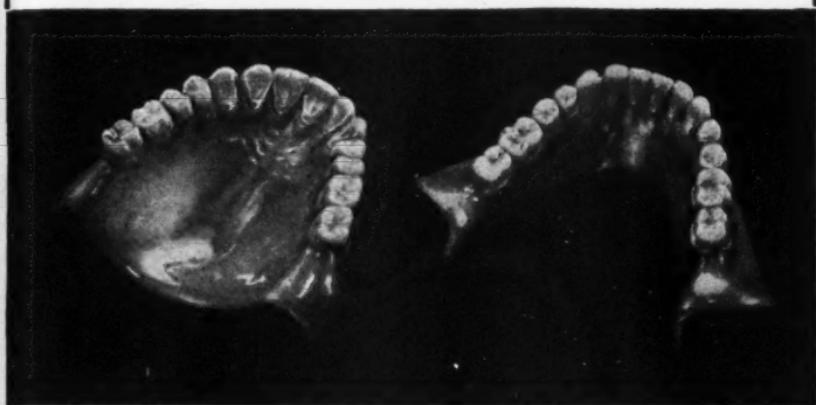


U.D. products **Pharmaceutical Chemists for more than 43 years**
are available
wherever you
see this sign.

Los Angeles • Boston • St. Louis • Chicago • Atlanta • San Francisco
Portland • Pittsburgh • Ft. Worth • Nottingham • Toronto • So. Africa

UNITED-REXALL DRUG COMPANY AND YOUR REXALL DRUGGIST • *Your Partners in Health Service*

Better Than Ever Before



Standardlite dentures made of the New Vitalon.

That's because the New Vitalon is a blend—blended to new standards of toughness and strength. There is less chance of fracture from mastication stress and ordinary handling when you prescribe Standardlite dentures.

But that is not the only reason Standardlite dentures are superior restorations. There is a new lightness in weight, a controlled translucency and accuracy. These qualities are inherent in the New Vitalon which is compounded of more than one resin to secure a

better denture base material.

The new and improved facilities of Standard Dental Laboratories are now at your disposal. They are another aspect of our endeavor to provide the profession with the best prosthetic materials, services and facilities.

Visit us at our new address—225 N. Wabash Avenue in Chicago—and inspect for yourself the modern and complete laboratory conducted by Standard, offering a new standard of service.



*Trade Mark
Reg. U. S. Pat. Off.

STANDARD DENTAL LABORATORIES

225 N. Wabash Avenue

DEarborn 6721

Chicago 1, Ill.

**NEW
SPEED
WITH THIS ACRYLIC REPAIR MATERIAL
AIR-CURES
IN 4 HOURS**



For fractured dentures . . . and
for broken teeth replacements
Repairing only a 3 minute job
Air-cures in four hours
Easy to apply as ordinary glue
Ready to use from the tube
Finishes smoothly and evenly
Strong as the original structure
Low in cost . . . \$3.50 per tube
Enough for 30 to 40 repairs

THIS PERMANENT LINER HAS NO BURN



Less than 5 minutes chair time
Re-line case and insert denture
Dismiss patient immediately
New simplified procedure
No processing. Ready to use
Permanence equals life of den-
ture
Transparent for perfect blend-
ing
Low cost . . . about 27c per Liner
Tube, \$8.00. Usually enough for
30 cases

YOUR DEALER CAN SUPPLY YOU

400 LINE



Announces

*This
Latest
Addition*

GETZ-400 ELASTIC IMPRESSION POWDER

**for
Partial, Full Denture,
and
Indirect Inlay
Impressions**

ACCURATE REPRODUCTIONS . . . Compounded to register and hold the finest details.

NO FIXING SOLUTION is required. Simply rinse the impression and pour the model. Saves time and lessens labor.

NO DISTORTION. The finished impression has an extra heavy firm body that eliminates chance of distortion when model is poured.

LONG SHELF LIFE. Packaged in moisture-proof aluminum coated envelope, keeping contents in perfect condition regardless of time.

MORE MATERIAL PER PACKAGE than is found in any competitive product. Each contains sufficient to take care of over-size mouth impressions. This means lower cost to you.

HALF-PORTION UNITS TOO. The GETZ box contains 10 full units and 4 half-units . . . eliminating waste of material on small impressions.

MAKE THIS NO-COST NO-RISK TEST

The superior performance of this Impression Powder is guaranteed. So, you may use it on several impressions with the privilege of returning unused portion for a full credit refund.

1 Box, \$4.00

3 Boxes, \$3.75 ea.

12 Boxes, \$3.50 ea.

**THE WILLIAM GETZ COMPANY
175 N. MICHIGAN AVE. . . CHICAGO**

STERO-OIL *Saves* HAND PIECE REPAIRS

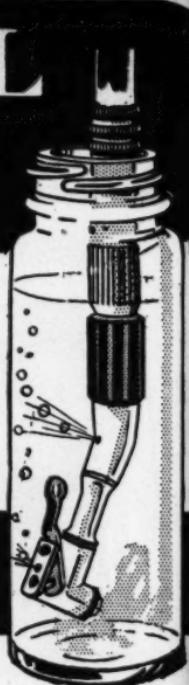
A dependable, clean handpiece is an asset to a busy dental office. You can accomplish this quickly by running the instrument in Stero-Oil after use on each patient. Delicate bearing surfaces are adequately lubricated and Stero-Oil's antiseptic agent gets in its effective work. Thus in just a minute, with only one operation, you save time, money and handpiece repair.

**NOW
3 oz. bottle
only
\$1.00**

Order today from your dealer

STERO-OIL
OILS - cleans - helps to
prevent disease transmission

STERILE PRODUCTS COMPANY
San Diego 1, California



ALL A. C. CLARK EQUIPMENT PARTS

Pre-war service is on the horizon

Complete stock of parts. Skilled workmanship. Your old outfit reconditioned like new. Ask for an estimate.

GLAZBROOK BROS. DENTAL SERVICE SHOP
7046 Wentworth Avenue Chicago, Ill.

We can still supply new cuspidor waste and supply tubing. Send us your old connections. We will attach new tubing. Prompt, guaranteed service.

ELASTO-GUM the ELASTIC Material for PARTIAL IMPRESSIONS

Takes accurate impressions with absolute fidelity of detail in only two minutes. Comes over undercuts without distortion.

UNION BROACH CO. Inc. 37 W. 20th St., New York 11, N. Y.

"FULL DENTURE COURSES"

Expect to resume courses in the "Fournet Full Impression Technique," formerly known as "The Fournet-Tuller Technique," as soon as traveling and hotel accommodations are relieved.

COURSES AVAILABLE:

No. 1—A three day course, impressions only, \$100.00.

No. 2—A six day course, impressions, taking of bite, setting teeth, and completing full dentures, at \$200.00.

If interested please indicate which course. A.D.A. Membership only.

DR. SIDNEY C. FOURNET,
803 Maison Blanche New Orleans 16, La.

TRUBYTE

New Hue PIN PONTICS



FOR
STATIONARY
BRIDGWORK

FOR TISSUE TOLERANCE

HYGIENIC BRIDGWORK

The root-ends of Trubyte New Hue Pin Pontics are readily adaptable to either socket-insertion or saddle-type bridges.

Whether the bridge be of the root-insertion or saddle type, only highly glazed porcelain contacts the tissues.*

This assures cleanliness and healthy stimulation of the gums.

An interesting Technic and Mould Book illustrating the Restorative Possibilities of Trubyte New Hue Pin Pontics will be sent on request.

*For saddle-type bridges, slight grinding is usually required to adapt the root-end to the ridges.

THE DENTISTS' SUPPLY COMPANY OF NEW YORK

220 West 42nd Street

New York 18, N. Y.

WITH YOUR

Pelton Sterilizer

(NO ADDED COST)

- THE PELTON NON-DRIP STERILIZER COVER. Steam will always condense on the inside of your sterilizer cover. But, when you lift the cover, your Pelton's condensed steam will run down INTO THE STERILIZER, not behind it or on the floor.

A clever Pelton-engineered fore-and-aft hinge brings this about. This hinge is standard on all Pelton models.

Just one of many similar details which make your Pelton Sterilizer a joy forever, as well as a thing of beauty!

THE PELTON & CRANE CO., Detroit 2, Mich.
Established 1900

Model 51—Series includes
14" or 16" Sterilizers. Write
us for full details.



PELTON *Sterilizers*
AT YOUR DEALERS - NOW!



NOVEX X-RAY PROJECTOR-VIEWER

FOR MAXIMUM RETURNS FROM YOUR X-RAY
BY PATIENT EDUCATION—BY BETTER DIAGNOSIS

MODERNIZE your technique with a Novex. Dental authorities for years have advocated patient education as one of the most important links in modern dentistry. With this new Novex projector your patient is fascinated at seeing an enlarged image of the X-Ray film . . . as you explain its meaning and make your recommendations for the work to be done. With a Novex, you employ your X-Ray films to greatest advantage—both in your own diagnosis and as a means of educating the patient.

VIEW OR PROJECT THE X-RAY FILM
ALSO 2x2 SLIDES AND KODACHROMES

The Novex accommodates standard X-Ray mounts as well as 2x2 inch slides and Kodachromes. The projected image on the viewing screen is brilliant—easy to see under normal office lighting conditions. A greatly enlarged image may be projected to the wall or screen when desired. Modernize now with a Novex. Use the coupon. Immediate deliveries.



FREE DEMONSTRATION COUPON

Novex Division, Pruitt Corp. Mfgs.
425 No. La Salle St.
Chicago, Illinois

I am interested in the Novex Dental X-Ray Projector.

Would like a demonstration.

Please send literature.

Dr.

Address

City State

My supply house is:

Name

Address

City State

NOVEX DIV.
PRUITT OFFICE MACHINES CORP.
425 No. La Salle St., Chicago, Ill.

Safe!

Swift!

Sure!



**concentrated
liquid
x-ray
solutions**

**For RADIOGRAPHS of
proven accuracy, clarity
and diagnostic detail...**

SAFE—because FR brought dependability . . . uniform consistency to dental darkrooms. **SWIFT**—because FR solutions take less than one minute to prepare. **SURE**—because you can be no doubt . . . on an uncertainty about your moments when you use FR solutions. Your dental supplier will recommend them. Specify FR now—and always.



KERR DENTAL MFG. CO.

DETROIT, MICH.

Exclusive distributors to the dental trade



CORPORATION OF RADICAL DENTAL DIVISION

Incomparable Precision Instruments for the Most Precise of All Operative Procedures — Cavity Preparation

CHAYES PRECISION

HANPIPE AND CONTRA ANGLE

Cutting into live, sensitive tooth structure in preparing a cavity of almost microscopic dimensions is, at best, an exacting operation. It requires a keen eye, a sure hand. But no matter how keen your eye, how sure your hand, or how great your skill, between you and the tooth is a fast moving handpiece through which your skill is transmitted to the cutting bur or stone.

Chayes Precision Handpiece and Contra Angle are fine precision instruments, made to feel and be like a veritable part of your hand; as sensitive and responsive to your will as your finger. Silent, vibrationless, perfectly balanced they make cavity preparation effortless for you, more comfortable for the patient. A few sure, deft strokes and it's over.

Order Your Chayes Precision Handpiece and Contra Angle now.
Your dealer can now assure delivery.

CHAYES DENTAL INSTRUMENT CORP.

460 West 34th Street, New York 1, N. Y.

Manufacturers of CHAYES PRECISION HANPIPE, CONTRA ANGLE, MOUNTED POINTS, ATTACHMENTS and Other Precision Instruments for Dentistry.

Stainless steel throughout with
glass and ball bearings.



THE
HIGHEST



**PRACTICAL SILVER
CONTENT ALLOY
AVAILABLE TO
DENTISTS**

**74 $\frac{1}{2}$ % PURE
SILVER**

Crescent DENTAL MFG. CO.
1839 S. Pulaski Road
Chicago 23, Illinois



THE **VACUUM PUMP**

For removing the air from your mixes of plaster, stone and investing materials. Make your mix in the plaster bowl, place it under the bell jar, turn on the pump and remove all the air from your mix—then pour. You get a smooth, dense cast or investment free from air bubbles. This saves time in finishing; also saves material in cast work.

Description

Height — 19"

Length — 19"

Width — 12"

Net. Wt. — 60 Lbs.

Emerson Motor $\frac{1}{4}$ hp., 110 AC,
60 Cycle.

Price \$89.50

Central Dental Mfg. Co., Inc.

Box 686

Louisville 1, Kentucky

THE DEWEY SCHOOL OF ORTHODONTIA

founded in 1911 by Martin Dewey, D.D.S., M.D.

(Authorized by The Board of Regents of
the University of the State of New York.)

Sessions held at intervals throughout the year. Date of next session on application. Classes limited.

For further information write The Dewey School of Orthodontia, 17 Park Avenue, New York City.

SAVES TEETH

Dr. Cornish Tooth Powder with Vitamin D and Fluoride

Checks decay in most small tooth cavities. Stops most cases of gum bleeding within two weeks.

Traces of fluoride in the drinking water have largely prevented tooth decay in Deaf Smith County, Texas.

2 oz. 30c From your druggist or direct. 4 oz. 50c
Literature and sample mailed on request.

CORNISH LABORATORIES
743 Dwight Way — Berkeley 2, Calif.



MILLER'S ELECTRIC HANDPIECE

FOR BETTER
PROSTHETIC DENTISTRY
Save your handpiece
for oral work

Lightweight, portable, the time-saving Miller is used and recommended by thousands of dentists and laboratory technicians.

Ask your Dealer
for demonstration.

Send for
Catalog
1101 W. Monroe St., Dept. OH, Chicago 7, Ill.

CHICAGO WHEEL & MFG. CO.

CRESCENT MOUNTED BRUSHES and RUBBER CUPS



Dr. J. T. Sweeney's Stubby Wheel
Amalgam Polishing Brushes
(Patented)

Made of Extra Stiff Black Bristle for
the Straight Handpiece only

Dr. J. T. Sweeney's Pointed
Amalgam Polishing Brushes

Made of Extra Stiff Black Bristle for
the Angle and Straight Handpieces

SEND for a DESCRIPTIVE CIRCULAR

Crescent DENTAL MFG. CO.

1839 S. Pulaski Rd., Chicago 23, Ill.

ACCURACY

that only a hydro-colloid
can give and

ADVANTAGES

that only the No. 1 hydro-
colloid can give Use

LEE SMITH

PLASTICOLL

With all due credit to the many impression materials that have done an admirable job during the War period when 1) hydro-colloids were not available, and 2) most dentists found it necessary to sacrifice technique to time, there is no other impression material that can compare with a hydro-colloid for overall dependability. This is particularly true when work is sent to a laboratory, or when for some other reason the model is not poured immediately.

For hydro-colloid performance at its finest, use Plasticoll, especially for your partial denture impressions. Plasticoll has the lowest gel point of all leading hydro-colloidal impression materials, which means that it can be inserted in the patient's mouth at a lower temperature. The free flow of Plasticoll insures reproduction of the most minute contour irregularities, and with only simple humidity precautions the impression is preserved until the model is poured.

True craftsmanship always bespeaks care rather than haste, and the use of Plasticoll will pay you in the long run. Phone your dealer NOW for a dozen tubes of Plasticoll and prove its advantages through actual use.

LEE SMITH

LEE S. SMITH & SON MANUFACTURING COMPANY

Certified Dental Products Since 1866

PITTSBURGH 8, PENNA.

Imagine using

A SCRUBBING BRUSH AND SCOURING POWDER ON A WATCH!

Impossible! Jewelers employ special brushes and cleansing agents on the delicate mechanism for safe results. • Good dentures call for equal discrimination in the choice of a proper brush and cleansing agent. Dr. Wernet's Plate Brush, for instance, has wired-in natural bristles... rigid handle...divided-tuft design—for real cleansing efficiency. And Dentu-Creme is safe to use on the finest denture material...yet cleans thoroughly and effectively. • Your recommendation of Wernet's Dentu-Creme and Dr. Wernet's Plate Brush will assure the best of care for your fine dentures. Available at all drug counters.



WERNET'S Dentu-Creme
DR. WERNET'S Plate Brush

Dept. 126-B



10c per word, initials and figures used each counting as one word. Please send remittance with your order.

WANT ADS

Restricted to help and positions wanted, and practices wanted, and practices for sale. The minimum charge is \$3.

DENTIST WANTED: A capable dentist registered in New York state; under fifty years. Must have good character and good personality. State age and salary. "33" Oral Hygiene, Pittsburgh, Pa.

FOR SALE: Here is opportunity of lifetime; three chairs, three engines, three fountain cuspidors, equipped laboratory, lights, instruments, Pelton sterilizer, everything to smallest detail. Completely furnished apartment connecting; Hollywood beds cost two hundred sixty seven dollars three months ago, new dishes, etc. Whole place newly decorated and reconditioned. Low rent. Five thousand dollars cash for quick sale. In best business section of Akron. Contact Dr. P. J. Hughes, 8604 Wade Park Avenue, Cleveland, Ohio. Garfield 2407.

DENTISTS resuming practice; excellent opportunity to become associated with long-established practice. No investment required. Write M. Ledderer, 2595 Clay Street, San Francisco, Calif.

DENTIST WANTED to take over completely equipped dental office in downtown Cincinnati. Will rent the office for one year with privilege of purchase at any time during or at end of year. "22" Oral Hygiene, Pittsburgh, Pa.

FOR SALE: Michigan four-chair office, mostly extractions and plate work. You can make the price back in six months. Eight thousand dollars. "23" Oral Hygiene, Pittsburgh, Pa.

FOR SALE: Model seven-room dental office and unopposed practice of twenty-six years located in Southern Illinois; two-chairs, gas and x-ray, light, heat, gas. Immediate possession. Dr. D. J. McCullough, Mt. Vernon, Ill.

DENTIST NEEDED IN OUR TOWN: Excellent location for office (and apartment if desired) in professional building. Write or telephone, Alfred Einstein & V. Lustig, Attorneys at Law, 1019 National Avenue, National City, Calif. Greely 7-5686.

FOR SALE: Combination home and dental office in North Central Wisconsin, population twelve hundred. Good equipment and excellent farming, fishing, and hunting. Also beautiful cottage, finished knotty pine; water, gas, electricity. Reasonable price. "24" Oral Hygiene, Pittsburgh, Pa.

FOR SALE: Los Angeles, Calif., ethical practice and equipment. I am giving up my downtown location and devoting full time to my Beverly Hills, Calif., office. Single chair office, Electro Dental unit, wall bracket x-ray, special built in cabinets, laboratory equipment, etc. Only dentist in limit height building. Best location in downtown Los Angeles. Price thirty-five hundred dollars cash. G. Smith, 12230 Viewcrest Road, North Hollywood, Calif.

WANTED: Dental hygienist, two-chair ethical practice. No night work. Write Dr. Elmer J. Zirbel, Wausau, Wis.

WANTED for northern Illinois dental laboratory A-1 gold man to take charge of gold department. State age and salary wanted in first letter. "25" Oral Hygiene, Pittsburgh, Pa.

WANTED for northern Illinois dental laboratory A-1 plate man to be charge of plate department. State age and salary wanted. "26" Oral Hygiene, Pittsburgh, Pa.

FOR SALE: Fully equipped dental office and practice in northeastern Ohio town of twenty-five hundred. Office and living apartment same floor. Rent \$25 per month. Retiring on account of age. "HG" Oral Hygiene, Pittsburgh, Pa.

WANTED: Dentist, Ohio license. Wonderful opportunity for capable man willing to work. Practice consists mostly of extraction and denture work. No laboratory work. Knowledge of general anaesthesia is essential. Opportunity to purchase interest in office in future. Salary: one hundred dollars per week plus a percentage of profits to start with. This is a real opportunity for an ambitious man with an eye on the future. Kindly give full details about self in first letter. "27" Oral Hygiene, Pittsburgh, Pa.

FOR SALE: Excellent opportunity, long-established practice between Chicago and Milwaukee. Long lease if desired. Retiring; ill health. Will introduce. "28" Oral Hygiene, Pittsburgh, Pa.

FOR RENT: Three-room apartment suitable for dentist only; one flight up, front, over store, rent \$75; one hundred forty feet from Buhre, Crosby Avenue subway station, Lexington-Felham Bay line. Robert Volatile, 1751 Crosby Avenue, Bronx 6, New York City.

WANTED: Dentist to specialize in orthodontia and for pedodontia. Must be licensed in District of Columbia. "29" Oral Hygiene, Pittsburgh, Pa.

WANTED: Dentist to specialize in gold inlays and plastic fillings. Must be licensed in District of Columbia. "30" Oral Hygiene, Pittsburgh, Pa.

WANTED: Dentist to take charge of well-established, well-located office in large Iowa city, on a partnership basis. Will expect top man with best recommendations. "31" Oral Hygiene, Pittsburgh, Pa.

WANTED: Dentist with Nebraska license for office; give qualifications in first letter. "32" Oral Hygiene, Pittsburgh, Pa.

FOR SALE: Located in Clarion county; chair, unit, cuspidor, cabinet. In good working condition. "34" Oral Hygiene, Pittsburgh, Pa.

TOP TECHNICIAN MANAGER: Established high-class laboratory in Texas wants A-1 all-round technician from setup to crown and bridge work. Must have fine background to take charge of branch laboratory on commission basis. High monthly salary guaranteed. Also wanted A-1 setup technician for main laboratory. Also wanted A-1 finisher and packer for branch laboratory. Write full information in first letter giving age, salary expected, and experience. "5" Oral Hygiene, Pittsburgh, Pa.

WANTED A-1 gold technician for Texas laboratory. Must be tops to take charge of gold department. Write full information in first letter giving age, salary expected, type of gold work you can do. "6" Oral Hygiene, Pittsburgh, Pa.

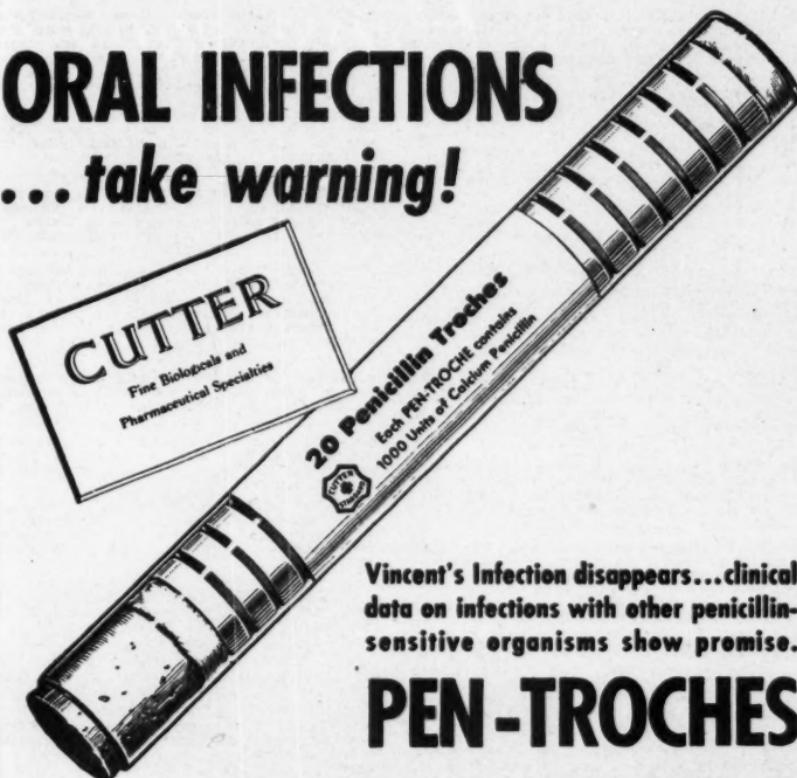
DENTIST WANTED with Illinois license. Permanent, profitable connection for good, steady, all-around operator. Dr. S. J. Heyboer, 79 W. Madison Street, Chicago, Illinois.

DENTIST WANTED: Ohio license, to associate with long-established successful high class clientele. Good salary; short hours. "Ohio" Oral Hygiene, Pittsburgh, Pa.

SELLING YOUR PRACTICE? Why not also use the classified columns of *The Dental Students' Magazine*. National circulation, 10,300 monthly. This includes over 5000 recent dental graduates (U.S.A. and overseas), balance; upper-class students who will be graduating at various periods within the next eighteen months. Rates, \$2.50 for 50 words or less, 10c per word additional; check with order. Write, *Dental Students' Magazine*, 605 N. Michigan Avenue, Chicago 11, Illinois.

ORAL INFECTIONS

...take warning!



Vincent's Infection disappears...clinical data on infections with other penicillin-sensitive organisms show promise.

PEN-TROCHES

Each Pen-Troche Cutter—chemically bound, to make it slow-dissolving—builds (and maintains) an adequate penicillin level in the saliva for over two hours. Already recognized as specific in Vincent's Infection, the future role of Pen-Troches for combatting other infections of the oral cavity is extremely promising. Cutter Laboratories, Berkeley, California; Chicago; New York.

CUTTER LABORATORIES, Berkeley 1, California

I will be interested in noting effectiveness of Cutter Pen-Troches for therapy in Vincent's and other oral infections. Please send 10 Pen-Troches, free, to

Doctor

Address

Have you seen



NEY-ORO G-3 is our finest gold color partial denture casting gold. It is easy to melt and cast. It is strong, tough, resilient and free from brittleness. Its maximum physical properties are developed by the simplest possible heat treatment (merely cool for specified time in investment).

Furthermore, NEY-ORO G-3 is a part of the famous NEY BALANCED LINE. Together with NEY-ORO A-1, for general inlay work and NEY-ORO B-2, the specific bridge gold, these three golds meet all the requirements of the three broad classifications of restorations while having essentially the same melting ranges, the same casting characteristics, and with the added advantage of providing color harmony when used in the same mouth. Price of all three . . . \$2.00 per dwt.

be famous NEY SPOKE CASTING" DEMONSTRATION

you have once seen the "Spoke Casting Demonstration", there be no uncertainty concerning the **TOUGHNESS, RESILIENCE, STRENGTH** of NEY-ORO G-3, Ney's most widely used Partial Spoke Casting Gold. Physical property charts show in figures on paper why this is so. The Spoke Casting Test shows, before your eyes, what it means in everyday laboratory and office experience.

Ask your Ney Technical Representative to demonstrate bending Spoke casting next time you see him.

ORO G-3 \$2.00 per dwt.

THE J. M. NEY COMPANY
HARTFORD 1, CONNECTICUT



ADVERTISING INDEX

WHO'S WHO AND WHERE

Although we aim for accuracy in this index, last-minute changes often alter page numbers and positions.

Abbott Laboratories	216	Jelenko & Co., Inc. J. F.	
Aderer, Inc. Julius	210-11	Jensen Dental Instrument Co.	
Akme-Steele Mfg. Co., The	314	Johnson & Johnson	
American Cabinet Co., The	321	Jordan Pump Co.	
American Can Co.	208	Jules Press	
American Chicle Co.	297	Justi & Son, Inc., H. D.	
American Sterilizer Co.	214	Kerr Dental Mfg. Co.	189, 2
Anacin Co.	206-07	Kolynos Co.	
Angelica Jacket Co.	320	Konformax Laboratories, Inc.	
Anzell Specialty Co.	281	Lacher S.	
Baker & Co., Inc.	331, 333	Lang Dental Mfg. Co.	
Bard-Parker Co.	330	Lauer Metal Shop	
Bayer Co.	283	Lavoris Company, The	
Bendick Co.	289	Masel Co., Isaac	
Bosworth Co., Harry J.	276	Master Metal Products Co.	
Bristol Laboratories	317	McKesson Appliance Co.	
Bristol-Myers Co.	195, 341, 4th cover	Merrill Company, Wm. S.	
Buffalo Dental Mfg. Co.	332	Miller Protecto Products Co.	
Burton Mfg. Co.	354	Mills Mfg. Co., Kenneth	
Butler Co., Dr. John O.	355	Minimax Co.	
Camel Cigarettes	198	Mizzy, Inc.	
Campho-Phenique	340	Model D Co., The	265-69
Castle Company, Wilmot	296	Moyer Co., J. Bird	
Caulk Co., L. D.	272-73	Mullen Bros.	
Central Dental Mfg. Co.	374	National Bookkeeping Service	
Chandler Record Systems	278	Ney Co., J. M.	
Chases Dental Instrument Co.	373	Nobilium Products, Inc.	
Cined Laboratories	286	Novex	
Chicago Wheel & Mfg. Co.	375	Novocel Chemical Mfg. Co.	
Church & Dwight Co., Inc.	287	Num Specialty Co.	
Clark-Cleveland, Inc.	360-61	Pelton & Crane Co., The	
Cleveland Dental Mfg. Co.	2nd cover	Pepsodent	
Coe Laboratories, Inc.	291	Periodontal Specialties Co.	
Columbia Dentoform Corp.	310	Pittsburgh Specialty Co.	
Cook-Waltz Laboratories, Inc.	308-09	Plastodont, Inc.	
Co-Oral-It Dental Mfg. Co.	294	Polident	
Coralite Dental Products Co.	280	Polaris Co., The	
Corega Dental Products Co.	349	Precious Metals Research Works	
Cornish Laboratories, Robert E.	375	Proco-Sol Chemical Co.	
Cratex Mfg. Co.	282	Procter & Gamble	
Crescent Dental Mfg. Co.	310, 314, 374, 375	Prophylactic Brush Company	
Curtis Pneumatic Machinery Co.	302	Ransom & Randolph Co., The	
Dee & Co., Thomas J.	213	Reynolds Tobacco Co., R. J.	
Dental Absorbents Co.	289	Rinn X-Ray Products	
Dental Perfection Co.	335	Ritter Co., Inc.	
Deuticator Co.	278	Rocky Mountain Metal Products Co.	
Dentists' Supply Co., The	322-23, 369, 383	Rorer Inc., William H.	
Dentlock and Dentiglo	293	Sharp & Dohme, Inc.	
Dentyne Gum	297	Silvoden Company, The	
Dewey School of Orthodontia	375	Smith & Son Mfg. Co., Lee S.	3
Diamond R. Agencies	314	Spyco Smelting & Refining Co.	3rd
Dresch Laboratories Co., The	215	Squibb & Sons, E. R.	
Drucker Co., August E.	299	Standard Dental Laboratories	
Eastman Kodak Co.	345	Starr Dental Mfg., Inc.	
Ethical Brands, Inc.	344	Stern & Co., Inc., I.	
Fischer & Co., H. G.	278	Sterile Products Co.	
Fluordent, Inc.	328	Stim-U-Dents, Inc.	
Forhan Co.	220	Torit Mfg. Co.	
Fort Orange Chemical Co.	293	Triboro Press	
Foster Dental Supplies, Ray	336	Union Broach Co., Inc.	302, 3
Fournet, Dr. Sidney C.	368	Union Carbide & Carbon Corp.	
Powier, Dr. Ernest	282	United Drug Co.	
FR Corp.	372	United States Bronze Sign Co., Inc.	
French & Co., Samuel H.	303	Universal Dental Co.	
General Electric X-Ray Corp.	290	Vernon-Benshoff Co.	
Getz Co., William	306, 366-67	Vi-Oral Co.	
Glaibrook Bros.	368	Weber Dental Mfg. Co.	
Gomco Surgical Mfg. Co.	295	Wernert Dental Mfg. Co.	284-5
Hanau Engineering Co., Inc.	353	Western Gold & Platinum Works	
Hoffman-LaRoche Inc.	194	White Laboratories, Inc.	
Hoover Uniforms	314	White Dental Mfg. Co., The S. S.	
Hudson Products, Inc.	346-47	Whitehall Pharmacal Co.	304
Hu-Friedy Mfg. Co.	286	Williams Gold Refining Co.	
Hugh Dental Supply Co.	298	Wilmot Castle Co.	
Husband Dental Supply Co.	298	Yates Dental Mfg. Co., J.	
Ideal Tooth, Inc.	202-03	Young Dental Mfg. Co.	
International Nickel Co.	307		

PRINTED IN

TRUBRIDGE NEW HUE ANTERIORS



GRADED LENGTHS, WIDTHS, THICKNESSES

Simplify Selection Minimize Grinding

The 41 Square, Tapering and Ovoid Upper Moulds of Trubridge New Hue Anteriors and the 11 Lower Moulds give wide choice in selection for mechanical accuracy and attractive natural tooth appearance.

The finely graded sizes in each form, accurately proportioned as to length, width and labio-lingual thickness, make it possible to select a mould which will meet mechanical requirements with a minimum of grinding. To facilitate selection, these moulds are available in varied lengths of ridge-laps and depths of bites. And added to this is the beautifully natural, lifelike translucence and fluorescence of Trubyte New Hue Porcelain.

For Cast Partials and Bridgework

TRUBRIDGE *New Hue* ANTERIORS

THE DENTISTS' SUPPLY COMPANY OF NEW YORK

220 West 42nd Street

New York 18, N. Y.

Have You Read "The

Ritter
PRACTICE
BUILDING
STUDY No. 4



Look at those figures now. The dentist (Dr. A) has gone down to 26.6 patients a week, two rooms and an assistant (Dr. C) serves 3 patients a week, he had 10 years ago but he has 10% more practice than the man working alone in one office (Dr. A). And he, Dr. C, is still the man, 26% more patients—57 more a year—than the man with the assistant and one operating room (Dr. B). In the twenty years the three men have been practicing, Dr. C has served 12,750 more patients than Dr. B, and 25,450 more patients than Dr. A. Allowing for some difference in dental staff, why was Dr. C able to handle so many patients?

*This is the survey published in *J. A. D. A.*, May 1, 1950, p. 546, and referred to in "Dentistry's
Michael Jones, 1950" by Merton Co., Inc.

1990-1991

Dental Practice in the "Danger Years"
15-54

Dentists 45-54

ONE OPERATING ROOM... NO ASSISTANT
165 PATIENTS PER WEEK
ONE ASSISTANT

ONE OPERATING ROOM WITH
ANESTHESIA
AND PATIENTS PER WEEK
ONE OPERATING ROOM WITH ASSISTANT

187 PATIENTS FOR 1955

Denises 55-64

ONE OPERATING ROOM
FOR PATIENTS IN

ONE OPERATING ROOM
840 PATIENTS

455 PATIENTS

132/40100
G70-Vincent

How can you prepare now to hold a successful practice far into the so-called "danger years" past 45? This new Ritter Practice Study No. 4 tells you why some dentists 55-64 years old handle only 26 patients a week. Why others handle 55.5 patients per week. Write today for a copy of "The Danger Years." *Ritter Co., Inc., Ritter Park, Rochester 3, N. Y.*

Ritter

WAKE UP TO A STARSIDE



2007 Survey Table

ROCHESTER, N. Y.

*is the latest development of
the Research Laboratories of*



NEW!
One Full Mouth
Impression Unit.

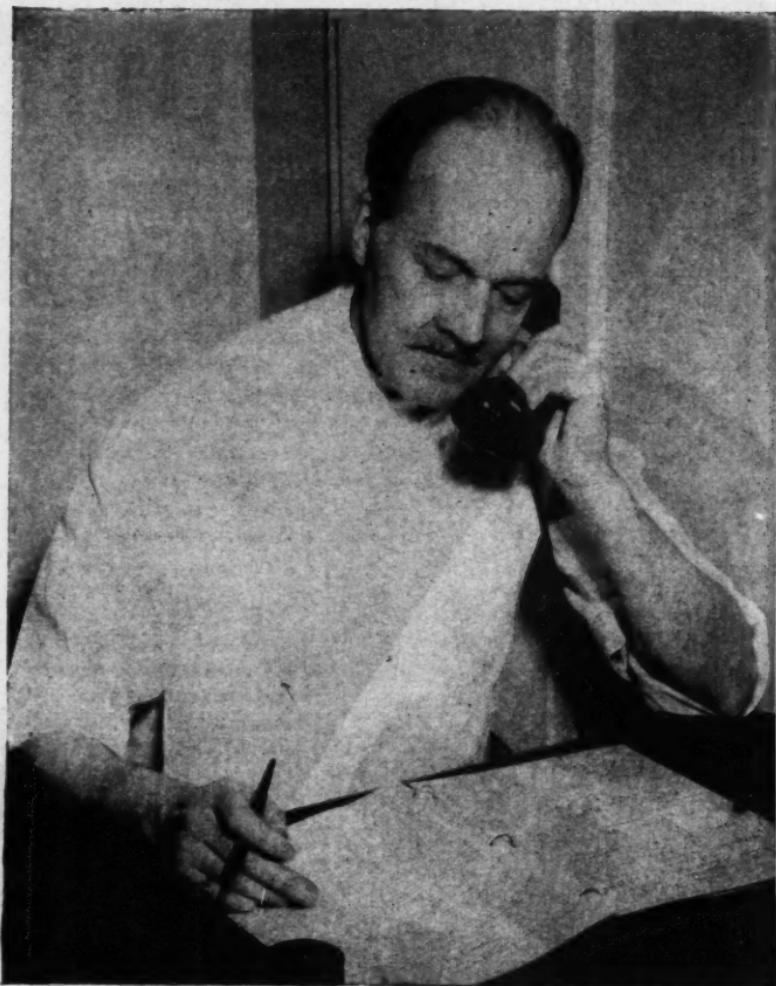
The chemically treated container serves as a perfect mixing cup. The new, easy to empty tubes contain measured amounts for just one full mouth impression.

KONFORMAX DIVISION OF PERMATEX COMPANY, INC.
BROOKLYN 29, N. Y., U. S. A.

Send copy of new folder, "Techniques for Practical Full Lower and Upper Dentures."

NAME _____ STREET _____

CITY _____ STATE _____



Method to use: Dissolve tablets in water. Use as a bathwater, wash water, or as a floor cleaner. Use as a wash water for laundry.

Alkalinity

ALKALINITY HELPS

Tender gum tissues, unaccustomed to the pressure of a new denture, sometimes become sensitive and irritated. FASSTEETH, buffered to maintain a mild alkalinity in contact with the tissues, checks and soothes soreness and inflammation due to chafing and hyperacidity.

When tissues are so irritated that they react unfavorably to the new denture the period of adjustment and adaptation may be prolonged unduly. FASSTEETH'S sustained and mild alkalinity helps patients to tolerate new dentures quicker and more easily.

FASSTEETH

Clark-Cleveland, Inc.

OH-3

Binghamton, N. Y.

Gentlemen:

Please send professional samples of Fasteeth.

Dr.

.....
.....

Helps

No. 1 REQUIREMENT



Extremely fine-grained, CLOVER LEAF IMPRESSION PLASTER is unsurpassed for making accurate impressions that faithfully reproduce every detail of teeth and tissue.

CLOVER LEAF'S rapid, accurate set saves the dentist valuable time, it breaks with a clean fracture and its freedom from expansion eliminates distortion.

H. B. Wiggins Sons Co.
Bloomfield, N. J.

346

Please send free samples of CLOVER LEAF XX and Soluble Impression Plaster.

Dr. _____

Address _____

City _____ State _____

YOU CAN'T BEAT
THESE FOR REAL "
CONVENIENCE!"



• Ready for use and low in cost, J & J Professional Towels save you not only the initial expense of buying cloth towels, but the bother and expense of sending them out for laundering.

Patients prefer these soft, sanitary towels, and they solve the problem of what to give the patient to take home after extractions. Useful for many other purposes in the office— as napkins or wipes, for cleansing and polishing equipment and instruments. Order from your dealer.

A black and white portrait of a female patient with short, dark hair, wearing a light-colored, ruffled-collared blouse. She is looking slightly upwards and to the right. The background is dark and out of focus.

Johnson & Johnson

PROFESSIONAL TOWELS

DENTAL DIVISION

Johnson & Johnson
NEW BRUNSWICK, N. J. CHICAGO, ILL

Pedule

S. S. WHITE IMPRESSION TRAY COMPOUND (BLACK)

Complies with A. D. A. Specification No. 3, first revision, for Type 2 Impression Compounds

For individual trays, correctible impressions, impressions for jacket crowns, three-quarter crowns, and inlay preparations.

Recommended because, after more than 30 years of world-wide use, it is the most satisfactory compound of its type ever developed. Order some today.

Working Temperature 122° to 131° F.

Denture Forms—Regular (.180") 8 in box; Thin (.120") 10 in box; Hexagonal Sticks 28 in box.

1 box	\$0.75
6 boxes	3.90
12 boxes	7.50

S. S. WHITE EXACT IMPRESSION COMPOUND (QUICK SETTING)

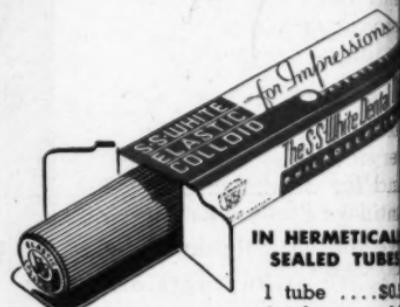
Complies with A. D. A. Specification No. 3, first revision, for Type 1 Impression Compounds.

For general impression use. A low heat compound ideally plastic at 120° F. Sticks are useful for muscle trimming, metal band impressions of jacket crown, three-quarter crown, and inlay preparations.

Supplied in cakes, 8 to box; Hexagonal Sticks 4 1/4" long; 4 ozs. to box; Wafers (thick .080"), 8 to box; Wafers (thin .040") 15 to box.

Per box	\$0.60
6 boxes	3.30
12 boxes	6.30
20 boxes	10.20

All Prices Subject to Change Without Notice.

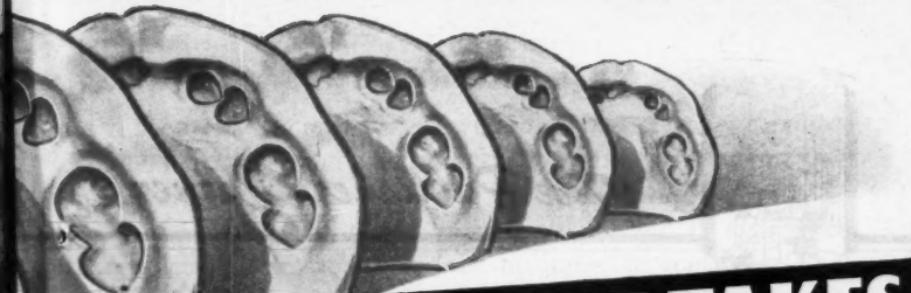


IN HERMETICAL
SEALED TUBES

1 tube	... \$0.60
4 tubes	... 1.10
6 tubes	... 2.10
12 tubes	... 5.10
36 tubes	... 15.00

Can Be Used With, or Without
Syringe

SS White
FOR BETTER ONE-PERSON



EXPENSIVE RE-TAKES

Elastic Colloid, an agar base reversible hydrocolloid, is recommended for full and partial impressions. It molds to the tissues, recording minute detail; flows into deep undercuts and tight interstitial spaces and has strength and toughness to pull out from these without break or distortion. Moreover, it has a "body" that makes it stand up and not slump from high vaults. Elastic Colloid produces sharp, clean, smooth-surfaced casts. With ordinary care re-takes are held at a minimum.

S. S. White Elastic Colloid is excellent for pre-extraction impressions when immediate dental service is rendered; for orthodontic impressions and for duplicating casts, etc. It contains a potent antiseptic to prevent growth of bacteria and mold, permitting its use over and over again for duplicating casts and similar work.

No Need To Pour The Cast Immediately

It is not necessary to make the cast at once. Take the impression, then immerse it in water, or wrap in a damp cloth or paper. Pour the cast at your convenience, or send it to the laboratory without fear of dimensional change.

For Sale By Your Local Dealer

THE S. S. WHITE DENTAL MFG. CO., Philadelphia 5, Pa.
1844 "OVER A CENTURY OF SERVICE TO DENTISTRY" 1946



NO CREEP



NO SHRINK



NO WARP

ELASTIC COLLOID
IMPLIES WITH A DENTAL SPECIFICATION NO. 1
IMPRESSIONS FOR BETTER FITTING DENTURES



The Publisher's Corner

By Mass

Number 297

PERSONAL RECONVERSION

DURING the past several months, all of us have been reading, hearing, and, perhaps, doing some thinking about reconversion. Like everybody else, I have been aware of the industrial and economic changes which will have to be brought about in adjusting the country's business procedure from a war- to a peace-time economy. And like many others, I have been inclined to look at reconversion as a conglomeration of problems which will have to be solved by the country's industrialists and economists—problems beyond my limited sphere of activity.

At lunch a few days ago, I was jarred out of this kind of complacent thinking. One of my luncheon companions asked me about the reconversion problems of the publishing business. I told him (a little over-confidently, perhaps) that in our little establishment we had no reconverting to do. He is the fellow who jarred my complacency.

He proceeded to put this national problem of reconversion on a personal basis. Then I began to realize that most of us have some adjustments to make in our attitudes and in our thinking, if we are going to adapt ourselves properly to normal business and normal living procedure. I began to think that maybe the worry and tension of the war years have made me a little less companionable—a little less easy to get along with than in previous years. Maybe under the pressure of the additional work that had to be done, I have grown too much into my job and lost some of my understanding and appreciation of the people involved—the people who live in the little world in which I work.

I "maybe'd" along for a quiet half-hour at home that evening,

and it occurred to me that reconversion is not entirely a matter of tools, machines, and smokestacks; it is also a matter of personal attitudes. We have only to remember some of our experiences in department and grocery stores, and in almost all other places where we have done business, to remind us that during the war years people, either consciously or otherwise, acquired some very annoying and discouraging habits. I had only to remember some of my own experiences to realize that perhaps I, too—or any of us—might need a little realistic self-examination to determine whether or not we need a little personal reconversion to adjust ourselves to the new peacetime world, which we had not known for four long years.

Veterans' Clearinghouse

Since last November, the CORNER has been printing free want ads for returning Dental Corps members seeking positions or locations, and for civilians having opportunities to offer them. Here are some more (*see also page 560*):

AA—A Southern California dentist, who is planning to retire soon, is interested in corresponding with a veteran who might wish to take over his long-established practice.

AB—A lieutenant colonel in the Dental Corps would like to join a group practice. For the past five years he has been doing prosthetic dentistry; is licensed in Pennsylvania, and also has Ph.G. degree.

AC—Veteran with New York State license, who practiced eight years before going into Army, is interested in locating where there is need for a dentist.

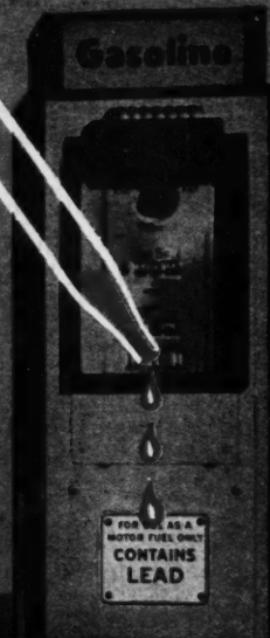
AD—A Kansas dentist contemplating retirement from his excellent practice, wishes to contact Kansas-licensed veteran. He has practiced for 35 years in a county-seat town.

AE—A Philadelphia dentist plans to retire and believes veteran may be interested in his practice, which caters to an exclusive clientele.

AF—A Toledo dentist is interested in securing the services of an Ohio-licensed veteran for a permanent, well-paid position.

When just a little

**IN GASOLINE
IT'S TETRAETHYL LEAD**



Remember the new life and added get-up-and-go you noticed in your auto recently when adequately "leaded gas" came back from war? Incredible as it seems, that vast improvement in performance and operating efficiency was caused by the addition of a few c.c.'s of Tetraethyl Lead to a gallon of standard gasoline! Yes . . . just a little made that big difference!

Pentacol, Navacol, Carbolin Reg. Trademarks
Witco Chemical Company, Inc.

makes a big difference



Yes, in Dentistry, too, there is a striking example of just a little making a big difference . . . as witness the deeper, more enduring character of anesthesia that came about in 1940 when science added an infinitesimal amount* of Pontocaine to a standard 2% Novocain solution.

No increase in either Novocain concentration or vasoconstrictor content was necessary. That minute amount* of Pontocaine made the difference . . . an outstanding and truly trustworthy difference! Dentistry was at last provided with a solution specifically designed for those operative cases where conventional 2% solutions proved inadequate.

*Only fifteen one hundredths (0.15) of one per cent.

NOVOCAIN-PONTOCAIN-COBEFRIN

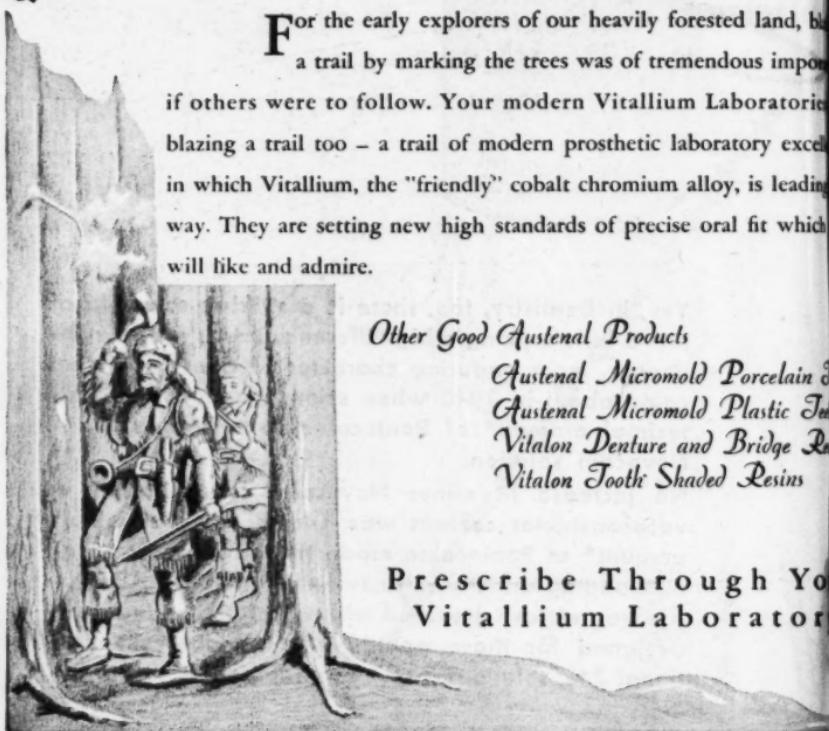
COOK-WAITE
Laboratories, Inc.

170 Varick Street, New York 13, N. Y.
Laboratories: Wheeling, W. Va. & Springville, N. Y.

Trail blazer

YOUR VITALLIUM LABORATORIES

For the early explorers of our heavily forested land, blazing a trail by marking the trees was of tremendous importance if others were to follow. Your modern Vitallium Laboratories are blazing a trail too - a trail of modern prosthetic laboratory excellence in which Vitallium, the "friendly" cobalt chromium alloy, is leading the way. They are setting new high standards of precise oral fit which you will like and admire.



Other Good Austenal Products

*Austenal Micromold Porcelain
Austenal Micromold Plastic
Vitalon Denture and Bridge Resins
Vitalon Tooth Shaded Resins*

Prescribe Through Your
Vitallium Laboratories

★ Trade Mark Reg. U.S. Pat. Off.

A U S T
LABORATORIES, Inc.

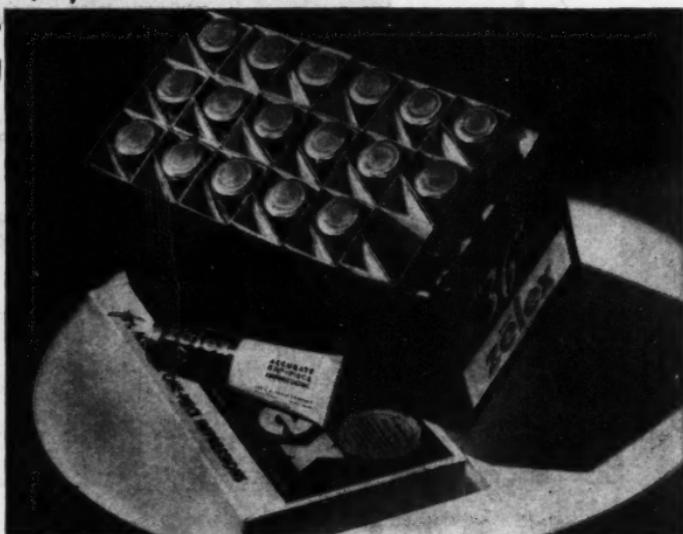
ers



VITALIUM ENAL

NEW YORK • CHICAGO

*Three Big Items of
News from Caulk*



"36" package

Inexpensive as the new ZELEX is, you save still more by buying it this way. You pay for 34 tubes . . . get 36 tubes . . . receive two extra tubes without extra charge. A handy water measure for ZELEX is included. List price. \$11.25

FOR MODERN MATERIALS CALL ON

Caulk

MILFORD, DELAWARE



new and better **ZELEX**

Accurate, tough and elastic as always, ZELEX has been improved by war-born developments so it now assures you positive control of manipulation. Try this new ZELEX with its separately-wrapped control tablet. Get completely accurate one-piece impressions—without fracturing, crumbling or distortion—anytime, anywhere.

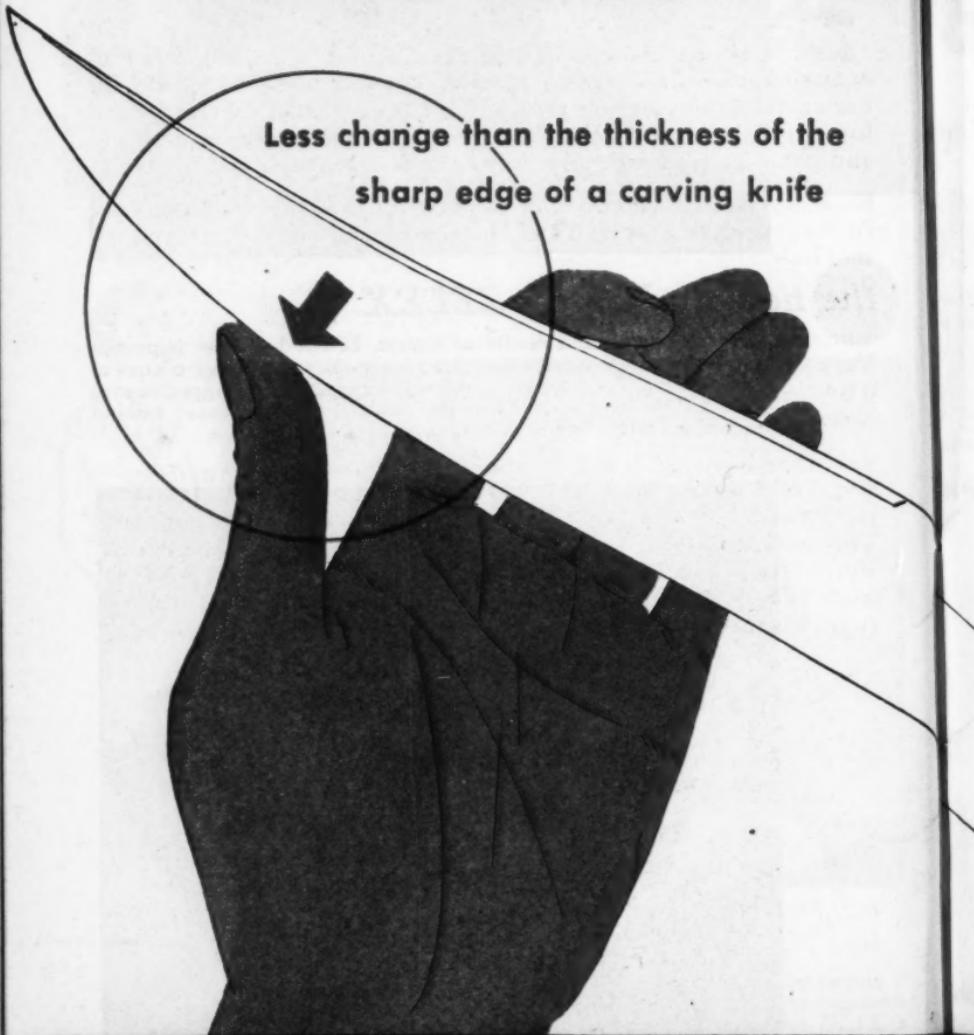


Rim-Lock Impression Trays

In addition to the "All-Sufficient" set of six trays, designed for use with ZELEX or any other elastic impression material, this package contains a mahogany wall bracket. When attached to your wall, the bracket not only keeps the trays in plain view for easy selection, but protects them against falling and battering. List price . . \$10.00

Dimensiona

Less change than the thickness of the
sharp edge of a carving knife



Vernonite

Stability

Dimensional stability in a denture material is important to you because it is important to your patients. The fact that VERNONITE has an extremely high degree of dimensional stability and therefore stays the same size and shape it is molded, assures comfort and completely satisfactory service over a long period of years.

How can we be certain that Vernonite possesses this quality? In the first place, research and laboratory tests show that this outstanding acrylic resin remains dimensionally accurate to about 0.1% linearly when stabilized in regard to moisture (as the case is worn in the mouth). Since the average span of a denture is approximately 50 mm., this means that the actual change in Vernonite while being worn over a long period of years, is about 0.05 mm —less than the thickness of the sharp cutting edge of a carving knife or a razor blade!

And in the second place, Vernonite dentures that have been in actual oral service for 5, 6, 7, 8, 9 years and longer are STILL providing comfort and satisfaction to many thousands of patients. Your colleagues, who continue to place an increasing number of Vernonite restorations every year, do so because they KNOW from experience that it pays to use genuine Vernonite and accept no substitute.



VERNON-BENSHOFF COMPANY

P. O. BOX 1587 • PITTSBURGH 30, PENNA.



Look for

to be certain of the

Why are Red Dot Diamond Instruments considered the finest? Because they have more diamonds for quicker cutting... to save time—harder diamonds for smoother cutting and less heat—uniform diamonds for less vibration to lessen pain—strongest binding for long-lasting efficiency and practical economy.

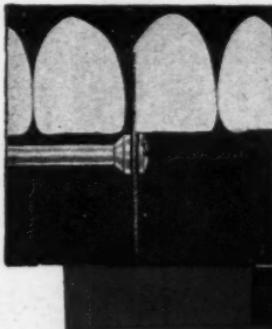
To really enjoy all the advantages that diamond instruments have to offer, look for the red dot on those you buy.

For most efficient results with diamond instruments, they should be used at maximum speed. Work is quicker, easier and heat is minimized.

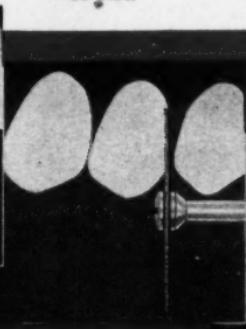
For that purpose, the Red Dot Speed-up Pulley is engineered to increase the speed of the standard Doriot handpiece by 37%. It is easily attached. It has a double spindle so that you can reduce to normal speed merely by slipping the engine cord from one pulley to the other.

PREMIER DENTAL PRODUCTS COMPANY • PH 7,

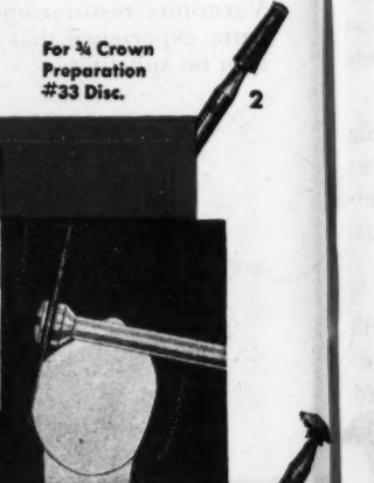
For Jacket
Preparation
#33 Disc.



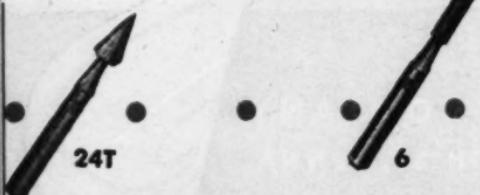
For Slice Inlay
Preparation
#33 Disc.



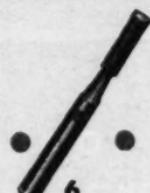
For $\frac{3}{4}$ Crown
Preparation
#33 Disc.



24T



6



17W



20



16

the red dot

best diamond instruments

27

We had a purpose in planning this special offer shown here. Clinical tests proved that by keeping a disc mounted on its mandrel, its life was greatly increased. Dismounting and remounting diamond discs cause wear on eyelet, with subsequent off center "play" and undue wear stress on the entire instrument. We suggest that you have two mounted discs for right and left sides. It is more economical, and more efficient.

SPECIAL OFFER

2 Red Dot Diamond Discs $\frac{7}{8}$ " #33 \$20.00

1 Red Dot Stainless Steel Step-up Pulley . . . No Charge, Value \$1.75
On orders for 6 Red Dot Diamond instruments you receive a Step-up Pulley without charge and also a 10% Quantity Discount on the instruments.

7, PA. • Distributors of PETRALIT • ASTRALIT

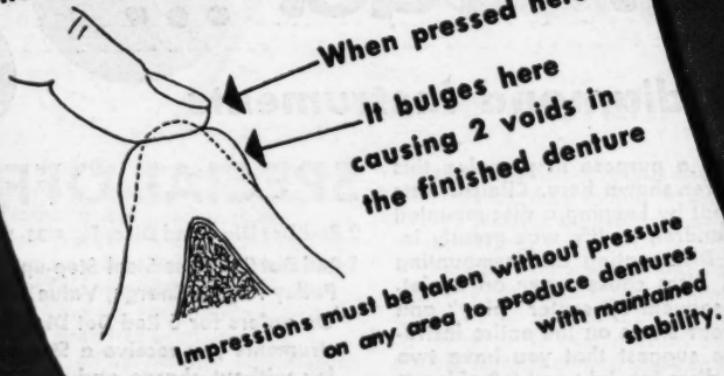
OFFER
EXPIRES
APRIL 30, 1946

SPECIAL OFFER

PREMIER DIAMOND INSTRUMENTS • •

Remember-

The mucosa is almost non-compressible



Zorite **IMPRESSION CEMENT** is a pleasant, resinous cement which (unlike plaster or oil-pastes) sets harder than compound by action of moisture in the tissue. It produces an exact, detailed negative of the mucosa in passive, normal state—and thus, a denture in uniform contact with tissue.

It has many advantages: Highly accurate, no separation media necessary, setting time under positive control, may be used as temporary rebase for weeks. Rounded, full functioning peripheries may be added by using our new Synthetic Impression Wax.

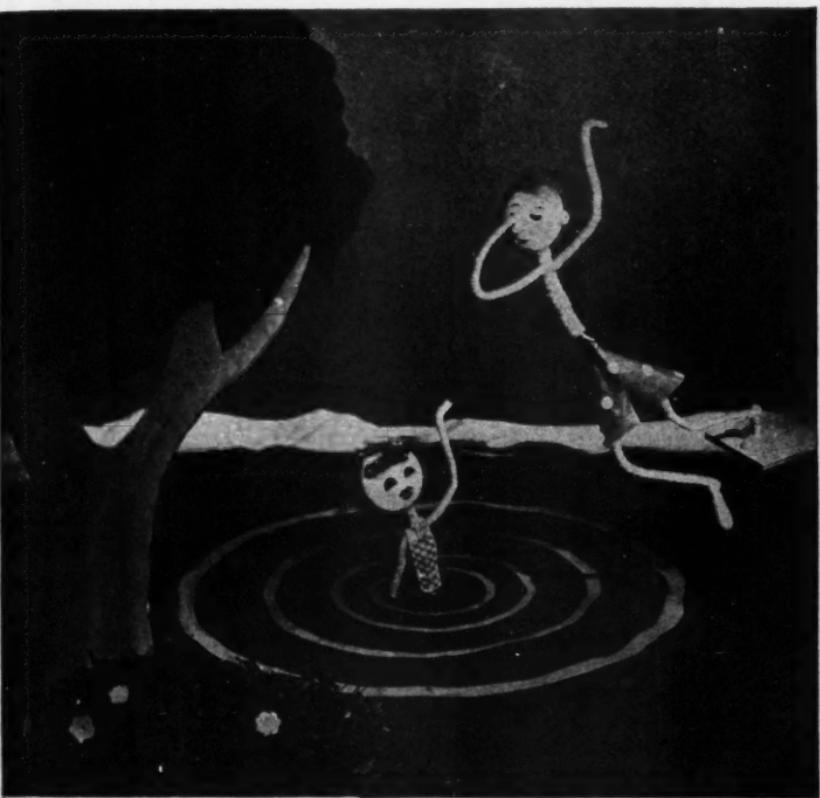
Synthetic **IMPRESSION WAX**, a new Bosworth product, is hard at 70° F. rigid at 95°, has 98% plus flow at 98.6°. It adheres well to dry surfaces and may be applied easily with fingers by flaming.

Thru your dealer.

Write for full information.

HARRY J. BOSWORTH COMPANY

1315 SOUTH MICHIGAN AVENUE • CHICAGO 5, ILLINOIS



Refreshing



Entertain your child patients with
"Kolynos Kids." They're easy to
make—send for free folder.

KOLYNOS
POWDER • PASTE

—JUST LIKE KOLYNOS!

That wholesome, refreshed feeling with
which Kolynos leaves the mouth . . .
and that friendly, minty taste that lingers
are features second in importance
only to the safe, dependable manner
in which Kolynos cleans and polishes. By
imparting real pleasure to a daily
chore, Kolynos helps keep those "brush
your teeth twice a day" instructions
from being conveniently forgotten.

Isn't that an important consideration?

A Product of the

WHITEHALL PHARMACAL COMPANY, 22 E. 40TH STREET, NEW YORK 16, N. Y.

"topical
IN A STRICT SENSE OF THE TERM . . ."



IMPORTANT: Please note that your physician requires
your prescription to obtain this product from the pharmacist.

"...sulfathiazole gum provides a method of chemotherapy for oropharyngeal use and is topical in a strict sense of the term, as shown by the extremely low blood levels of sulfathiazole resulting from intensive dosage with the preparation."

FOX, NOAH, ET AL.: EFFECT OF SULFATHIAZOLE
IN CHEWING GUM IN CERTAIN OROPHARYNGEAL INFECTIONS,
ARCH. OF OTOLARYNGOLOGY, 41:278-283 (APRIL) 1945.

When a single tablet of pleasantly flavored Sulfathiazole Gum is chewed for one-half to one hour it provides a high salivary concentration of locally active sulfathiazole averaging 70 mg. per cent. Moreover, resultant blood levels of the drug, even with maximal dosage, are so low (rarely reaching 0.5 to 1 mg. per cent) that systemic toxic reactions are virtually obviated.

INDICATIONS: Sulfonamide-susceptible infections of oral mucosæ, including acute Vincent's disease, infectious stomatitis and gingivitis; preoperative and postoperative prevention and treatment of oral infection; control of fetor oris due to oral sepsis.

DOSE: One tablet chewed for one-half to one hour at intervals of one to four hours, depending upon the severity of the condition. If preferred, several tablets—rather than a single tablet—may be chewed successively during each dosage period without significantly increasing the amount of sulfathiazole systemically absorbed.

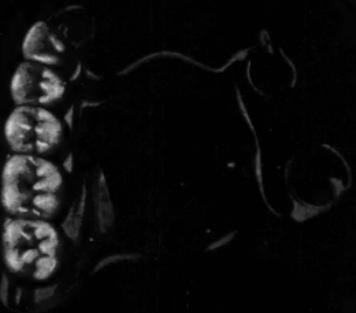
Available in packages of 24 tablets, sand-taped, in slip-sleeve prescription boxes.

 A product of **White LABORATORIES, INC.**
Pharmaceutical Manufacturers, Newark 7, New Jersey

Jelenko No. 5
CAST GOLD

- 1 High precious metal content;
- 1 Nicely balanced physical properties, giving maximum strength, lightness, flexibility and resistance to wear compatible with good working qualities;
- 1 Good resistance to discoloration . . .
- 1 Just the qualities you would expect to find in . . .

*The Patrician
of Casting Golds*



THE PATRICIAN OF CASTING GOIDS

For 1 Piece and Unit
Castings, Clasps, Bars,
Saddles, etc.

G O L D C O L O R

per dwt. \$2.00

Sold by Better Dealers — Used by
Better Laboratories Everywhere

J. F. Jelenko & Co., Inc.



Manufacturers of Dental Golds & Specialties

136 West 52nd Street · New York 19, U.S.A.